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FIFTY-SEVENTH REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS

IN

MASSACHUSETTS.

RETURNS OF LIBELS FOR DIVORCE,

AND RETURNS OF DEATHS INVESTIGATED BY THE

MEDICAL EXAMINERS,

FOR THE YEAR 1898.

PREPARED BY THE

SECRETARY OF THE COMMONWEALTH.

EDITED BY

FRANCIS A. HARRIS, M.D.

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Dec. 4, 1900.

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Commonwealth of Massachusetts.

Office of the Secretary, Boston, Oct. 26, 1899.

To the Honorable Senate and the House of Representatives.

I have the honor to submit herewith, as required by law, the Fifty-seventh Annual Registration Report, relating to the births, marriages and deaths occurring in Massachusetts and registered in the several cities and towns during the year ending Dec. 31, 1898; and containing, also, the reports relating to libels for divorce in the several counties, and the returns of deaths the causes and manner of which have been investigated by the medical examiners during the year 1898.

In tabulating returns of births and deaths still-births are not included. The only record of still-births appears in Table III.

The rule adopted in the report of 1891 of restricting the exhibition of tabular results to such as are plainly of practical utility within the meaning of the statute by authority of which the tables are prepared, is continued, and the report is again edited by Francis A. Harris, M.D.

Very respectfully,
Your obedient servant,

WM. M. OLIN,
Secretary of the Commonwealth.

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Fifty-seventh

ANNUAL REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS,

REGISTERED IN

MASSACHUSETTS,

FOR THE YEAR ENDING DECEMBER 31, 1898.

Table I. — Population [1895], — Births,

General Abstract, exhibiting, in Connection with the Population Deaths registered in Each County and Town in Massachusetts Children Born, the Nativity of Persons Married, and the Sex, ber who Died.

The State and Counties.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na Mo.	Unk.
MASSACHUSETTS, .	2,500,183	73,110	37,389	35,694	27	23,656	35,273	7,308	6,597	276
Barnstable, .	27,654	517	261	256	-	346	103	32	36	-
Berkshire, .	86,292	2,350	1,224	1,126	-	1,169	684	248	245	4
Bristol, . .	219,019	8,608	4,461	4,138	9	1,858	5,179	786	762	23
Dukes, . .	4,238	82	43	39	-	45	22	9	6	-
Essex, . . .	330,393	8,433	4,269	4,155	9	2,923	3,827	891	780	12
Franklin, . .	40,145	838	463	374	1	470	253	55	59	1
Hampden, . .	152,938	5,191	2,687	2,503	1	1,662	2,536	521	469	3
Hampshire, .	54,710	1,254	682	572	-	523	496	132	100	3
Middlesex, .	499,217	13,737	7,045	6,689	3	4,443	6,326	1,513	1,290	165
Nantucket, .	3,016	51	24	27	-	34	3	9	5	-
Norfolk, . .	134,819	3,345	1,693	1,652	-	1,259	1,401	354	325	6
Plymouth, . .	101,498	2,142	1,067	1,075	-	1,121	620	230	169	2
Suffolk, . .	539,799	17,798	8,968	8,828	2	4,847	9,793	1,652	1,471	35
Worcester, .	306,445	8,764	4,502	4,260	2	2,956	4,030	876	880	22

Marriages, and Deaths, 1898.

according to the State Census of 1895, the Births, Marriages, and during the Year 1898, — distinguishing the Sex and the Parentage of Nativity, and Aggregate and Average Ages by Counties of the Num-

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Native.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Native.	For.	Unk.		Agg'te.	Av'ge.
22,142	9,650	7,378	2,726	2,385	3	46,761	24,082	22,679	33,676	12,645	440	46,704	1,668,805	35·73
178	137	13	12	16	-	584	306	278	514	56	14	581	30,337	52·22
638	376	128	60	74	-	1,393	702	691	1,064	317	12	1,389	53,750	38·69
2,114	817	821	229	247	-	4,409	2,270	2,139	3,120	1,264	25	4,408	135,886	30·83
31	25	3	2	1	-	83	56	27	65	5	13	74	3,790	51·22
2,626	1,225	756	334	311	-	5,793	*2,970	2,823	4,321	1,409	63	5,782	213,240	36·88
288	200	49	19	20	-	662	342	320	555	97	10	662	29,494	44·55
1,449	607	535	148	159	-	2,954	1,491	1,463	2,206	726	22	2,952	92,704	31·40
382	218	86	39	39	-	878	435	443	683	186	9	877	37,509	42·77
3,919	1,625	1,357	522	413	2	8,993	4,608	4,385	6,331	2,587	75	8,988	325,349	36·20
12	10	-	2	-	-	58	30	28	56	1	1	58	3,361	57·95
909	411	272	129	97	-	2,190	1,147	1,043	1,655	510	25	2,187	90,955	41·59
781	506	128	91	56	-	1,633	878	755	1,281	322	30	1,620	74,895	46·23
6,275	2,328	2,384	880	683	-	11,713	6,065	5,648	7,791	3,823	99	11,713	377,176	32·20
2,540	1,165	846	259	269	1	5,418	2,782	2,636	4,034	1,342	42	5,413	200,359	37·02

* Including 64 fishermen lost at sea.

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
BARNSTABLE, .	27,654	517	261	256	-	346	103	32	36	-
Barnstable, . .	4,055	70	42	28	-	61	4	3	2	-
Bourne, . .	1,580	33	15	18	-	24	3	5	1	-
Brewster, . .	901	16	10	6	-	14	-	2	-	-
Chatham, . .	1,809	26	10	16	-	24	1	1	-	-
Dennis, . .	2,545	38	21	17	-	37	-	-	1	-
Eastham, . .	476	10	5	5	-	8	1	1	-	-
Falmouth, . .	2,655	59	34	25	-	31	14	8	6	-
Harwich, . .	2,532	46	24	22	-	32	12	1	1	-
Mashpee, . .	330	11	8	3	-	8	-	1	2	-
Orleans, . .	1,198	21	13	8	-	19	1	1	-	-
Provincetown, .	4,555	110	42	68	-	32	54	6	18	-
Sandwich, . .	1,580	25	11	14	-	19	5	-	1	-
Truro, . . .	815	17	7	10	-	10	4	-	3	-
Wellfleet, . .	968	12	9	3	-	10	1	-	1	-
Yarmouth, . .	1,655	23	10	13	-	17	3	3	-	-
BERKSHIRE, .	86,292	2,350	1,224	1,126	-	1,169	684	248	245	4
Adams, . .	7,837	369	204	165	-	114	183	39	33	-
Alford, . . .	280	5	-	5	-	4	1	-	-	-
Becket, , . .	888	10	3	7	-	6	2	1	1	-
Cheshire, . .	1,176	11	3	8	-	8	2	1	-	-
Clarksburg, . .	1,009	41	20	21	-	22	9	5	5	-
Dalton, . . .	3,210	69	37	32	-	50	6	7	6	-
Egremont, . .	836	5	3	2	-	3	1	-	-	1
Florida, . .	425	7	3	4	-	5	1	-	1	-
Great Barrington,	4,794	101	46	55	-	57	26	5	12	1
Hancock, . .	511	9	2	7	-	8	1	-	-	-
Hinsdale, . .	1,650	35	16	19	-	18	9	4	4	-
Lanesborough, .	848	12	9	3	-	11	1	-	-	-
Lee, . . .	4,066	80	50	30	-	42	19	9	10	-
Lenox, . . .	2,872	66	38	28	-	30	18	10	8	-
Monterey, . .	464	4	-	4	-	3	1	-	-	-
Mt. Washington, .	136	-	-	-	-	-	-	-	-	-
New Ashford, .	116	4	3	1	-	4	-	-	-	-
New Marlborough,	1,288	10	6	4	-	5	1	2	1	1
North Adams, .	19,135	731	387	344	-	316	251	86	78	-
Otis, . . .	518	13	8	5	-	12	-	-	1	-
Peru, . . .	305	5	4	1	-	4	1	-	-	-
Pittsfield, . .	20,461	530	263	267	-	287	121	55	67	-
Richmond, . .	701	6	4	2	-	2	2	1	1	-
Sandisfield, . .	802	10	4	6	-	8	1	-	-	1
Savoy, . . .	504	7	3	4	-	7	-	-	-	-
Sheffield, . .	1,897	26	13	13	-	22	1	1	2	-
Stockbridge, .	2,077	20	9	11	-	15	1	2	2	-
Tyringham, . .	363	9	5	4	-	7	-	2	-	-
Washington, .	423	7	2	5	-	3	4	-	-	-
West Stockbridge,	1,257	16	7	9	-	12	-	2	2	-
Williamstown, .	4,887	122	67	55	-	77	21	15	9	-
Windsor, . .	556	10	5	5	-	7	-	1	2	-
BRISTOL, . .	219,019	8,608	4,461	4,138	9	1,858	5,179	786	762	23
Acushnet, . .	1,115	28	19	9	-	20	5	-	3	-
Attleborough, .	8,288	238	128	110	-	92	88	39	19	-
Berkley, . .	955	27	15	12	-	11	12	1	3	-
Dartmouth, . .	3,107	56	23	33	-	30	21	3	2	-
Dighton, . .	1,797	39	20	19	-	21	14	3	-	1
Easton, . . .	4,452	104	53	51	-	36	54	10	4	-
Fairhaven, . .	3,338	73	42	31	-	32	29	8	4	-
Fall River, . .	89,203	4,726	2,451	2,272	3	694	3,161	437	420	14
Freetown, . .	1,405	32	18	14	-	24	5	1	2	-
Mansfield, . .	3,722	75	43	32	-	47	13	9	6	-
New Bedford, .	55,251	2,048	1,040	1,004	4	400	1,280	163	201	4
No. Attleborough,	6,576	126	67	59	-	49	45	19	13	-

Registered during the Year 1898 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Native.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Native.	For.	Unk.		Agg'te.	Av'ge.
178	137	13	12	16	-	584	306	278	514	56	14	581	30,337	52·22
30	25	2	1	2	-	75	42	33	65	9	1	-	-	-
13	10	1	2	-	-	30	17	13	30	-	-	-	-	-
10	9	-	-	1	-	21	12	9	19	2	-	-	-	-
10	9	-	1	-	-	53	26	27	49	3	1	-	-	-
18	15	-	-	3	-	48	21	27	47	1	-	-	-	-
7	7	-	-	-	-	17	11	6	12	5	-	-	-	-
15	11	-	2	2	-	52	23	29	46	4	2	-	-	-
20	20	-	-	-	-	43	21	22	41	2	-	-	-	-
3	3	-	-	-	-	8	3	5	7	-	1	-	-	-
6	5	-	1	-	-	33	16	17	28	2	3	-	-	-
27	12	7	4	4	-	109	58	51	81	23	5	-	-	-
5	4	1	-	-	-	28	15	13	25	3	-	-	-	-
7	2	2	-	3	-	7	5	2	6	1	-	-	-	-
5	4	-	-	1	-	23	14	9	23	-	-	-	-	-
2	1	-	1	-	-	37	22	15	35	1	1	-	-	-
638	376	128	60	74	-	1,393	702	691	1,064	317	12	1,389	53,750	38·69
105	29	48	15	13	-	153	76	77	101	52	-	-	-	-
3	3	-	-	-	-	4	2	2	4	-	-	-	-	-
4	4	-	-	-	-	26	14	12	21	5	-	-	-	-
7	6	-	-	1	-	19	8	11	14	5	-	-	-	-
2	1	1	-	-	-	16	8	8	13	3	-	-	-	-
25	16	3	3	3	-	63	33	30	51	11	1	-	-	-
5	4	-	-	1	-	17	7	10	17	-	-	-	-	-
3	2	1	-	-	-	5	-	5	4	1	-	-	-	-
42	29	8	2	3	-	55	32	23	41	13	1	-	-	-
2	2	-	-	-	-	7	3	4	7	-	-	-	-	-
14	10	3	-	1	-	23	15	8	18	5	-	-	-	-
2	2	-	-	-	-	16	8	8	13	3	-	-	-	-
22	17	1	1	3	-	69	34	35	54	14	1	-	-	-
17	11	5	-	1	-	33	18	15	25	8	-	-	-	-
6	5	-	-	1	-	5	3	2	5	-	-	-	-	-
-	-	-	-	-	-	2	1	1	2	-	-	-	-	-
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
9	8	-	-	1	-	26	13	13	19	7	-	-	-	-
154	69	36	23	26	-	309	161	148	241	64	4	-	-	-
7	7	-	-	-	-	7	5	2	6	1	-	-	-	-
-	-	-	-	-	-	4	2	2	4	-	-	-	-	-
137	91	19	12	15	-	349	175	174	256	91	2	-	-	-
3	2	-	-	1	-	9	4	5	9	-	-	-	-	-
5	4	-	1	-	-	12	3	9	10	2	-	-	-	-
2	2	-	-	-	-	9	5	4	8	1	-	-	-	-
7	7	-	-	-	-	29	16	13	27	2	-	-	-	-
3	3	-	-	-	-	31	17	14	19	12	-	-	-	-
3	3	-	-	-	-	7	4	3	5	1	1	-	-	-
1	1	-	-	-	-	2	-	2	2	-	-	-	-	-
8	8	-	-	-	-	15	7	8	9	6	-	-	-	-
37	27	3	3	4	-	62	25	37	51	9	2	-	-	-
2	2	-	-	-	-	9	3	6	8	1	-	-	-	-
2,114	817	821	229	247	-	4,409	2,270	2,139	3,120	1,264	25	4,408	135,886	30·83
10	9	-	1	-	-	23	13	10	19	4	-	-	-	-
164	100	27	21	16	-	125	65	60	97	27	1	-	-	-
7	7	-	-	-	-	13	6	7	12	1	-	-	-	-
11	7	3	-	1	-	67	35	32	60	6	1	-	-	-
11	8	2	-	1	-	37	21	16	30	6	1	-	-	-
25	18	4	2	1	-	72	43	29	49	22	1	-	-	-
12	9	-	1	2	-	77	45	32	70	7	-	-	-	-
872	234	430	99	109	-	1,917	993	924	1,251	661	5	-	-	-
7	7	-	-	-	-	24	12	12	24	-	-	-	-	-
19	16	-	2	1	-	53	26	27	44	9	-	-	-	-
553	175	253	59	66	-	1,120	553	567	823	288	9	-	-	-
78	49	11	11	7	-	95	42	53	66	29	-	-	-	-

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
Bristol — Con.										
Norton,	1,614	28	10	18	-	19	4	3	2	-
Raynham,	1,518	31	15	16	-	20	6	3	2	-
Rehoboth,	1,810	37	14	23	-	18	8	5	6	-
Seekonk,	1,465	21	10	11	-	10	9	2	-	-
Somerset,	1,983	46	22	24	-	28	14	1	3	-
Swanzey,	1,627	35	15	20	-	13	17	4	1	-
Taunton,	27,115	772	421	349	2	254	369	74	71	4
Westport,	2,678	66	35	31	-	40	25	1	-	-
DUKES,	4,238	82	43	39	-	45	22	9	6	-
Chilmark,	304	2	2	-	-	2	-	-	-	-
Cottage City,	1,038	21	9	12	-	5	13	1	2	-
Edgartown,	1,125	22	13	9	-	9	7	3	3	-
Gay Head,	169	7	2	5	-	6	-	1	-	-
Gosnold,	140	3	3	-	-	2	-	1	-	-
Tisbury,	1,002	21	12	9	-	16	2	2	1	-
West Tisbury,	460	6	2	4	-	5	-	1	-	-
ESSEX,	330,393	8,433	4,269	4,155	9	2,923	3,827	891	780	12
Amesbury,	9,986	194	99	95	-	52	93	30	19	-
Andover,	6,145	113	59	54	-	48	41	15	9	-
Beverly,	11,806	291	151	140	-	138	72	48	33	-
Boxford,	727	12	4	8	-	9	1	1	1	-
Danvers,	8,181	149	87	62	-	81	34	21	13	-
Essex,	1,587	31	18	13	-	18	6	6	1	-
Georgetown,	2,050	36	18	18	-	28	4	1	3	-
Gloucester,	28,211	651	323	328	-	219	294	66	72	-
Groveland,	2,333	49	21	28	-	27	10	7	5	-
Hamilton,	1,356	32	14	18	-	17	12	1	2	-
Haverhill,	34,945	889	439	450	-	358	374	65	91	1
Ipswich,	4,720	92	50	42	-	38	32	14	7	1
Lawrence,	52,164	1,958	962	993	3	312	1,330	165	150	1
Lynn,	62,354	1,505	779	723	3	565	571	199	164	6
Lynnfield,	818	5	1	4	-	4	-	-	1	-
Manchester,	1,876	35	17	18	-	13	10	8	4	-
Marblehead,	7,671	158	73	85	-	121	11	19	7	-
Merrimac,	2,301	38	19	19	-	20	10	5	3	-
Methuen,	5,690	172	91	80	1	41	89	26	16	-
Middleton,	838	16	10	6	-	7	3	5	1	-
Nahant,	865	14	10	4	-	3	4	5	2	-
Newbury,	1,489	27	15	12	-	26	-	1	-	-
Newburyport,	14,552	282	154	128	-	138	94	29	21	-
North Andover,	3,569	52	25	27	-	16	19	7	10	-
Peabody,	10,507	287	131	156	-	113	115	28	31	-
Rockport,	5,289	90	46	42	2	38	43	4	2	3
Rowley,	1,272	30	17	13	-	26	2	-	2	-
Salem,	34,473	954	482	472	-	295	493	79	87	-
Salisbury,	1,300	29	15	14	-	19	5	3	2	-
Saugus,	4,497	115	66	49	-	64	20	18	13	-
Swampscott,	3,259	81	46	35	-	36	29	10	6	-
Topsfield,	1,033	10	8	2	-	9	-	1	-	-
Wenham,	886	16	9	7	-	12	1	2	1	-
West Newbury,	1,643	20	10	10	-	12	5	2	1	-
FRANKLIN,	40,145	838	463	374	1	470	253	55	59	1
Ashfield,	1,013	17	10	7	-	13	2	2	-	-
Bernardston,	778	7	5	2	-	7	-	-	-	-
Buckland,	1,548	20	11	9	-	16	2	2	-	-
Charlemont,	1,041	18	12	6	-	14	2	1	1	-
Colrain,	1,610	40	24	16	-	18	10	5	7	-

Registered during the Year 1898 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Native.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Native.	For.	Unk.		Agg'te.	Av'ge.
11	5	1	2	3	-	28	16	12	24	4	-	-	-	-
8	7	-	1	-	-	32	16	16	30	2	-	-	-	-
19	13	1	2	3	-	21	10	11	21	-	-	-	-	-
3	3	-	-	-	-	19	11	8	16	3	-	-	-	-
17	12	4	1	-	-	34	17	17	27	6	1	-	-	-
14	13	1	-	-	-	22	17	5	18	3	1	-	-	-
259	117	81	25	36	-	576	298	278	389	182	5	-	-	-
14	8	3	2	1	-	54	31	23	50	4	-	-	-	-
31	25	3	2	1	-	83	56	27	65	5	13	74	3,790	51·22
3	3	-	-	-	-	6	3	3	6	-	-	-	-	-
14	10	2	1	1	-	18	10	8	15	3	-	-	-	-
5	4	-	1	-	-	25	17	8	22	2	1	-	-	-
1	1	-	-	-	-	5	4	1	4	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	4	1	-	-	-	24	19	5	15	-	9	-	-	-
3	3	-	-	-	-	5	3	2	3	-	2	-	-	-
2,626	1,225	756	334	311	-	5,793	2,970	2,823	4,321	1,409	63	5,782	213,240	36·88
54	22	21	8	3	-	142	69	73	112	29	1	-	-	-
27	17	2	5	3	-	98	49	49	62	33	3	-	-	-
86	61	13	10	2	-	204	108	96	172	32	-	-	-	-
4	2	-	-	2	-	24	10	14	23	1	-	-	-	-
50	27	3	11	9	-	215	119	96	150	60	5	-	-	-
8	6	1	1	-	-	17	9	8	13	4	-	-	-	-
9	7	1	-	1	-	37	19	18	31	4	2	-	-	-
181	87	64	10	20	-	*450	269	181	302	143	5	-	-	-
12	10	-	1	1	-	37	23	14	29	7	1	-	-	-
16	13	1	1	1	-	14	5	9	10	3	1	-	-	-
351	188	65	42	56	-	537	284	253	438	91	8	-	-	-
36	15	11	8	2	-	91	44	47	71	17	3	-	-	-
579	152	274	86	67	-	1,153	565	588	746	401	6	-	-	-
545	272	124	80	69	-	943	478	465	736	198	9	-	-	-
5	4	1	-	-	-	13	6	7	9	4	-	-	-	-
16	9	3	1	3	-	37	17	20	28	9	-	-	-	-
40	36	3	-	1	-	130	73	57	113	17	-	-	-	-
13	11	-	1	1	-	33	10	23	27	6	-	-	-	-
34	15	10	4	5	-	104	57	47	80	24	-	-	-	-
6	3	-	3	-	-	16	7	9	15	1	-	-	-	-
4	2	1	1	-	-	15	10	5	10	5	-	-	-	-
7	4	-	-	3	-	24	14	10	21	3	-	-	-	-
97	58	16	12	11	-	261	128	133	217	43	1	-	-	-
17	11	4	-	2	-	56	23	33	37	19	-	-	-	-
69	35	9	14	11	-	226	122	104	163	63	-	-	-	-
40	21	12	2	5	-	72	40	32	63	7	2	-	-	-
8	7	-	1	-	-	29	14	15	28	1	-	-	-	-
268	97	114	30	27	-	583	286	297	430	146	7	-	-	-
6	5	-	-	1	-	29	10	19	26	2	1	-	-	-
16	11	1	1	3	-	85	49	36	65	13	7	-	-	-
14	10	2	1	1	-	44	22	22	32	12	-	-	-	-
4	3	-	-	1	-	12	4	8	11	1	-	-	-	-
1	1	-	-	-	-	19	7	12	17	1	1	-	-	-
3	3	-	-	-	-	43	20	23	34	9	-	-	-	-
288	200	49	19	20	-	662	342	320	555	97	10	662	29,494	44·55
6	5	1	-	-	-	17	9	8	15	2	-	-	-	-
10	10	-	-	-	-	15	7	8	14	1	-	-	-	-
8	4	3	1	-	-	35	22	13	21	12	2	-	-	-
5	5	-	-	-	-	11	7	4	11	-	-	-	-	-
8	7	-	-	1	-	20	11	9	20	-	-	-	-	-

* Including 64 fishermen lost at sea.

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
Franklin — Con.										
Conway,	1,304	28	14	13	1	16	7	3	2	-
Deerfield,	3,007	41	18	23	-	24	12	3	2	-
Erving,	964	25	14	11	-	24	-	1	-	-
Gill,	1,082	13	4	9	-	11	-	2	-	-
Greenfield,	6,229	161	89	72	-	91	47	12	11	-
Hawley,	468	9	4	5	-	9	-	-	-	-
Heath,	476	7	3	4	-	4	-	1	2	-
Leverett,	744	17	12	5	-	16	-	-	-	1
Leyden,	363	8	2	6	-	6	-	-	2	-
Monroe,	298	8	1	7	-	6	1	-	1	-
Montague,	6,058	178	109	69	-	49	101	13	15	-
New Salem,	869	16	5	11	-	11	3	-	2	-
Northfield,	1,851	21	9	12	-	19	2	-	-	-
Orange,	5,361	128	75	53	-	67	46	6	9	-
Rowe,	498	14	6	8	-	5	6	3	-	-
Shelburne,	1,560	14	11	3	-	12	1	-	1	-
Shutesbury,	444	2	1	1	-	1	-	-	1	-
Sunderland,	696	15	7	8	-	9	5	1	-	-
Warwick,	599	13	6	7	-	7	4	-	2	-
Wendell,	529	8	5	3	-	6	2	-	-	-
Whately,	755	10	6	4	-	9	-	-	1	-
HAMPDEN,	152,938	5,191	2,687	2,503	1	1,662	2,536	521	469	3
Agawam,	2,408	62	32	29	1	31	19	7	5	-
Blandford,	849	12	7	5	-	12	-	-	-	-
Brimfield,	962	16	8	8	-	9	2	2	3	-
Chester,	1,429	36	17	19	-	24	6	3	3	-
Chicopee,	16,420	738	392	346	-	170	443	59	66	-
E. Longmeadow,	1,591	38	18	20	-	9	25	3	1	-
Granville,	1,005	25	7	18	-	15	5	3	2	-
Hampden,	743	11	5	6	-	5	4	-	2	-
Holland,	199	3	2	1	-	3	-	-	-	-
Holyoke,	40,322	1,633	847	786	-	287	1,026	163	157	-
Longmeadow,	620	13	6	7	-	7	3	2	1	-
Ludlow,	2,562	106	61	45	-	24	52	18	12	-
Monson,	3,746	61	34	27	-	30	21	6	4	-
Montgomery,	275	4	2	2	-	4	-	-	-	-
Palmer,	6,858	231	106	125	-	74	128	10	19	-
Russell,	846	18	9	9	-	14	1	2	1	-
Southwick,	961	17	8	9	-	11	3	1	2	-
Springfield,	51,522	1,584	826	758	-	649	609	178	147	1
Tolland,	309	4	2	2	-	3	-	1	-	-
Wales,	783	18	9	9	-	5	7	2	4	-
West Springfield,	6,125	238	121	117	-	112	70	34	20	2
Westfield,	10,663	288	150	138	-	144	103	23	18	-
Wilbraham,	1,740	35	18	17	-	20	9	4	2	-
HAMPSHIRE,	54,710	1,254	682	572	-	523	496	132	100	3
Amherst,	4,785	70	38	32	-	42	16	7	4	1
Belchertown,	2,161	39	19	20	-	24	7	5	3	-
Chesterfield,	589	14	8	6	-	11	2	1	-	-
Cummington,	750	12	6	6	-	8	1	1	2	-
Easthampton,	4,790	113	63	50	-	42	50	10	11	-
Enfield,	990	21	13	8	-	11	6	1	2	1
Goshen,	304	7	6	1	-	7	-	-	-	-
Granby,	748	12	8	4	-	6	3	3	-	-
Greenwich,	481	6	3	3	-	3	1	1	1	-
Hadley,	1,704	23	14	9	-	10	9	4	-	-
Hatfield,	1,262	28	10	18	-	16	10	2	-	-
Huntington,	1,450	35	22	13	-	20	6	3	5	1
Middlefield,	386	9	6	3	-	6	1	1	1	-
Northampton,	16,746	390	218	172	-	150	150	51	39	-
Pelham,	486	14	5	9	-	10	1	3	-	-
Plainfield,	450	7	7	-	-	7	-	-	-	-
Prescott,	401	4	2	2	-	3	-	-	1	-

Registered during the Year 1898 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Native.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Native.	For.	Unk.		Agg'te.	Av'ge.
8	6	-	1	1	-	23	14	9	19	4	-	-	-	-
10	6	4	-	-	-	51	29	22	46	4	1	-	-	-
11	10	1	-	-	-	11	4	7	7	3	1	-	-	-
3	3	-	-	-	-	25	10	15	21	4	-	-	-	-
54	34	9	5	6	-	107	55	52	82	24	1	-	-	-
2	2	-	-	-	-	16	7	9	15	1	-	-	-	-
5	4	-	-	1	-	6	2	4	6	-	-	-	-	-
2	1	-	-	1	-	16	9	7	15	-	1	-	-	-
6	6	-	-	-	-	4	1	3	4	-	-	-	-	-
2	2	-	-	-	-	6	2	4	4	2	-	-	-	-
56	23	19	7	7	-	102	56	46	78	23	1	-	-	-
3	3	-	-	-	-	17	9	8	16	1	-	-	-	-
11	10	1	-	-	-	27	13	14	24	3	-	-	-	-
39	30	5	3	1	-	79	38	41	70	6	3	-	-	-
2	2	-	-	-	-	10	6	4	7	3	-	-	-	-
16	15	1	-	-	-	15	5	10	14	1	-	-	-	-
1	-	-	-	1	-	7	2	5	7	-	-	-	-	-
11	4	5	1	1	-	7	4	3	7	-	-	-	-	-
3	2	-	1	-	-	14	8	6	12	2	-	-	-	-
1	1	-	-	-	-	9	6	3	9	-	-	-	-	-
5	5	-	-	-	-	12	6	6	11	1	-	-	-	-
1,449	607	535	148	159	-	2,954	1,491	1,463	2,206	726	22	2,952	92,704	31·40
19	11	1	4	3	-	38	20	18	28	10	-	-	-	-
6	6	-	-	-	-	15	9	6	14	1	-	-	-	-
3	3	-	-	-	-	13	4	9	11	2	-	-	-	-
5	3	-	2	-	-	29	16	13	27	1	1	-	-	-
220	44	145	7	24	-	358	171	187	251	107	-	-	-	-
9	5	3	1	-	-	13	7	6	11	2	-	-	-	-
9	7	-	2	-	-	19	10	9	18	1	-	-	-	-
5	5	-	-	-	-	11	5	6	6	4	1	-	-	-
4	3	1	-	-	-	2	-	2	2	-	-	-	-	-
347	77	178	46	46	-	814	385	429	544	268	2	-	-	-
6	5	-	-	1	-	14	2	12	11	3	-	-	-	-
38	11	21	5	1	-	65	32	33	52	13	-	-	-	-
28	22	1	3	2	-	58	33	25	42	14	2	-	-	-
1	1	-	-	-	-	5	-	5	5	-	-	-	-	-
71	19	37	8	7	-	142	78	64	111	29	2	-	-	-
4	4	-	-	-	-	8	3	5	7	-	1	-	-	-
7	7	-	-	-	-	15	5	10	14	1	-	-	-	-
518	283	118	58	59	-	991	536	455	784	201	6	-	-	-
-	-	-	-	-	-	8	4	4	5	2	1	-	-	-
1	1	-	-	-	-	12	5	7	8	3	1	-	-	-
51	28	7	9	7	-	102	48	54	76	24	2	-	-	-
88	56	22	2	8	-	187	94	93	151	33	3	-	-	-
9	6	1	1	1	-	35	24	11	28	7	-	-	-	-
382	218	86	39	39	-	878	435	443	683	186	9	877	37,509	42·77
32	23	5	1	3	-	71	31	40	63	8	-	-	-	-
8	7	1	-	-	-	36	18	18	33	3	-	-	-	-
2	1	-	1	-	-	11	6	5	11	-	-	-	-	-
5	5	-	-	-	-	11	6	5	11	-	-	-	-	-
34	15	5	8	6	-	73	29	44	52	21	-	-	-	-
7	4	-	2	1	-	19	10	9	17	2	-	-	-	-
2	1	1	-	-	-	3	3	-	3	-	-	-	-	-
1	1	-	-	-	-	13	7	6	11	2	-	-	-	-
4	3	1	-	-	-	12	4	8	11	1	-	-	-	-
8	5	3	-	-	-	25	14	11	19	5	1	-	-	-
9	7	-	-	2	-	18	8	10	13	5	-	-	-	-
13	11	1	1	-	-	23	14	9	17	3	3	-	-	-
1	1	-	-	-	-	4	1	3	4	-	-	-	-	-
132	66	36	15	15	-	289	150	139	218	69	2	-	-	-
2	2	-	-	-	-	10	6	4	8	1	1	-	-	-
3	3	-	-	-	-	1	-	1	1	-	-	-	-	-
-	-	-	-	-	-	5	3	2	5	-	-	-	-	-

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
Hampshire — Con.										
South Hadley,	4,443	113	53	60	-	39	51	15	8	-
Southhampton,	1,054	19	10	9	-	11	6	1	1	-
Ware,	7,651	247	131	116	-	46	164	18	19	-
Westhampton,	476	11	4	7	-	7	4	-	-	-
Williamsburg,	1,955	43	26	17	-	27	8	5	3	-
Worthington,	648	17	10	7	-	17	-	-	-	-
MIDDLESEX,	499,217	13,737	7,045	6,689	3	4,443	6,326	1,513	1,290	165
Acton,	1,978	46	23	23	-	23	12	6	5	-
Arlington,	6,515	194	98	96	-	63	93	15	23	-
Ashby,	804	13	5	8	-	8	2	2	1	-
Ashland,	2,090	13	8	5	-	8	3	1	1	-
Ayer,	2,101	45	26	19	-	23	12	7	3	-
Bedford,	1,169	22	12	10	-	8	9	2	3	-
Belmont,	2,843	60	24	36	-	17	28	9	6	-
Billerica,	2,577	55	22	33	-	21	24	7	3	-
Boxborough,	307	7	5	2	-	6	-	1	-	-
Burlington,	574	15	8	7	-	6	5	4	-	-
Cambridge,	81,643	2,594	1,364	1,230	-	729	1,331	272	256	6
Carlisle,	492	5	-	5	-	5	-	-	-	-
Chelmsford,	3,162	65	37	28	-	25	23	14	3	-
Concord,	5,175	100	51	49	-	49	34	9	8	-
Dracut,	2,443	52	17	35	-	14	22	8	8	-
Dunstable,	400	5	1	4	-	4	1	-	-	-
Everett,	18,573	708	339	369	-	247	276	109	65	11
Framingham,	9,512	254	131	123	-	117	64	34	35	4
Groton,	2,192	31	17	14	-	17	4	4	6	-
Holliston,	2,718	47	24	23	-	26	9	7	4	1
Hopkinton,	2,984	43	27	16	-	36	1	3	3	-
Hudson,	5,308	114	58	56	-	59	31	15	9	-
Lexington,	3,498	72	34	38	-	29	28	9	6	-
Lincoln,	1,111	15	7	8	-	6	4	3	2	-
Littleton,	1,136	25	13	12	-	10	6	5	4	-
Lowell,	84,367	2,413	1,228	1,182	3	431	1,553	214	207	8
Malden,	29,708	848	455	393	-	282	368	104	88	6
Marlborough,	14,977	336	165	171	-	146	98	41	51	-
Maynard,	3,090	90	44	46	-	20	53	12	5	-
Medford,	14,474	365	190	175	-	161	131	39	34	-
Melrose,	11,965	298	142	156	-	123	118	39	17	1
Natick,	8,814	169	78	91	-	94	42	17	16	-
Newton,	27,590	808	417	391	-	260	402	71	74	1
North Reading,	835	16	8	8	-	10	4	1	1	-
Pepperell,	3,321	90	52	38	-	44	26	11	9	-
Reading,	4,717	84	48	36	-	33	30	14	7	-
Sherborn,	1,446	40	21	19	-	20	13	4	3	-
Shirley,	1,399	38	23	15	-	13	18	5	2	-
Somerville,	52,200	1,570	826	744	-	538	696	172	157	7
Stoneham,	6,284	107	53	54	-	47	37	17	6	-
Stow,	920	27	16	11	-	10	12	4	1	-
Sudbury,	1,141	28	13	15	-	23	3	2	-	-
Tewksbury,	3,379	57	31	26	-	16	32	6	3	-
State Almshouse,	-	109	61	48	-	-	-	-	-	109
Townsend,	1,780	20	7	13	-	14	1	2	3	-
Tyngsborough,	635	12	4	8	-	8	-	2	2	-
Wakefield,	8,304	222	106	116	-	79	84	22	29	8
Waltham,	20,876	500	252	248	-	171	225	61	41	2
Watertown,	7,788	194	101	93	-	72	84	24	14	-
Wayland,	2,026	41	23	18	-	19	7	9	6	-
Westford,	2,418	55	29	26	-	24	16	8	7	-
Weston,	1,710	28	15	13	-	13	8	3	4	-
Wilmington,	1,420	48	26	22	-	22	21	3	2	-
Winchester,	6,150	162	80	82	-	64	61	24	13	-
Woburn,	14,178	362	180	182	-	130	161	36	34	1
NANTUCKET,	3,016	51	24	27	-	34	3	9	5	-

Registered during the Year 1898 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Native.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Native.	For.	Unk.		Agg'te.	Av'ge.
35	24	2	3	6	-	51	29	22	40	11	-	-	-	-
5	5	-	-	-	-	25	13	12	22	2	1	-	-	-
62	21	30	7	4	-	133	62	71	90	43	-	-	-	-
4	3	-	-	1	-	10	3	7	7	3	-	-	-	-
9	6	1	1	1	-	22	9	13	15	7	-	-	-	-
4	4	-	-	-	-	13	9	4	12	-	1	-	-	-
3,919	1,625	1,357	522	413	2	8,993	4,608	4,385	6,331	2,587	75	8,988	325,349	36·20
10	6	2	2	-	-	34	19	15	31	3	-	-	-	-
59	11	28	12	8	-	105	51	54	78	27	-	-	-	-
8	7	1	-	-	-	11	7	4	9	2	-	-	-	-
9	6	2	-	1	-	34	16	18	23	10	1	-	-	-
32	19	6	4	3	-	42	25	17	30	10	2	-	-	-
11	7	-	2	2	-	15	8	7	11	4	-	-	-	-
18	9	3	2	4	-	47	25	22	40	5	2	-	-	-
14	9	2	3	-	-	40	20	20	31	9	-	-	-	-
1	1	-	-	-	-	6	2	4	5	-	1	-	-	-
1	1	-	-	-	-	13	9	4	10	3	-	-	-	-
653	226	268	99	60	-	1,558	772	786	1,073	480	5	-	-	-
-	-	-	-	-	-	9	5	4	5	3	1	-	-	-
23	14	3	2	4	-	64	34	30	53	11	-	-	-	-
36	20	10	1	5	-	64	40	24	48	15	1	-	-	-
6	2	2	2	-	-	39	17	22	25	13	1	-	-	-
2	2	-	-	-	-	9	5	4	9	-	-	-	-	-
151	70	41	23	16	1	341	178	163	259	80	2	-	-	-
76	38	12	14	12	-	150	86	64	100	41	9	-	-	-
8	6	1	-	1	-	30	18	12	26	3	1	-	-	-
13	10	-	1	2	-	59	28	31	44	14	1	-	-	-
15	13	-	-	2	-	50	30	20	37	13	-	-	-	-
31	20	3	5	3	-	81	47	34	66	15	-	-	-	-
24	16	5	3	-	-	59	27	32	47	12	-	-	-	-
7	6	1	-	-	-	10	8	2	9	1	-	-	-	-
8	2	4	1	1	-	13	6	7	10	3	-	-	-	-
908	237	460	112	98	1	1,809	929	880	1,169	628	12	-	-	-
241	100	80	43	18	-	498	244	254	395	99	4	-	-	-
94	51	12	11	20	-	217	108	109	148	69	-	-	-	-
33	9	17	4	3	-	39	20	19	30	9	-	-	-	-
93	54	20	13	6	-	198	90	108	156	41	1	-	-	-
90	43	25	14	8	-	184	91	93	138	41	5	-	-	-
53	34	9	6	4	-	135	62	73	102	31	2	-	-	-
202	74	82	24	22	-	459	207	252	359	97	3	-	-	-
3	2	-	1	-	-	16	11	5	16	-	-	-	-	-
18	13	2	-	3	-	79	40	39	67	11	1	-	-	-
27	14	6	4	3	-	69	36	33	59	9	1	-	-	-
9	6	1	1	1	-	24	12	12	21	3	-	-	-	-
8	5	1	-	2	-	22	8	14	16	6	-	-	-	-
388	182	116	46	44	-	880	443	437	596	280	4	-	-	-
39	26	6	3	4	-	91	48	43	74	17	-	-	-	-
6	5	1	-	-	-	13	8	5	10	3	-	-	-	-
3	3	-	-	-	-	21	11	10	20	1	-	-	-	-
10	4	2	3	1	-	39	24	15	27	11	1	-	-	-
-	-	-	-	-	-	307	237	70	110	190	7	-	-	-
11	9	-	1	1	-	26	12	14	23	3	-	-	-	-
7	4	-	2	1	-	13	8	5	7	6	-	-	-	-
62	33	14	7	8	-	131	52	79	99	32	-	-	-	-
153	66	50	23	14	-	277	138	139	199	77	1	-	-	-
80	39	21	10	10	-	128	64	64	94	33	1	-	-	-
13	12	-	-	1	-	30	16	14	23	7	-	-	-	-
10	4	2	1	3	-	47	23	24	35	12	-	-	-	-
10	5	3	1	1	-	29	17	12	20	6	3	-	-	-
9	5	3	1	-	-	25	11	14	19	5	1	-	-	-
42	23	14	3	2	-	67	35	32	55	11	1	-	-	-
81	42	16	12	11	-	237	120	117	165	72	-	-	-	-
12	10	-	2	-	-	58	30	28	56	1	1	58	3,361	57·95

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
NORFOLK,	134,819	3,345	1,693	1,652	-	1,259	1,401	354	325	6
Avon,	1,626	32	19	13	-	25	4	1	2	-
Bellingham,	1,481	29	17	12	-	13	5	3	8	-
Braintree,	5,311	115	58	57	-	49	37	14	15	-
Brookline,	16,164	419	215	204	-	147	207	33	32	-
Canton,	4,636	103	53	50	-	38	38	10	15	2
Cohasset,	2,474	41	20	21	-	19	7	10	5	-
Dedham,	7,211	191	97	94	-	77	70	26	18	-
Dover,	668	10	6	4	-	4	3	2	1	-
Foxborough,	3,219	51	26	25	-	25	10	6	10	-
Franklin,	5,136	101	45	56	-	45	37	10	9	-
Holbrook,	2,298	33	17	16	-	19	3	5	6	-
Hyde Park,	11,826	339	174	165	-	106	147	50	36	-
Medfield,	1,872	21	12	9	-	11	3	3	4	-
Medway,	2,913	52	26	26	-	28	12	8	4	-
Millis,	1,006	15	7	8	-	10	3	1	1	-
Milton,	5,518	115	68	47	-	44	43	19	9	-
Needham,	3,511	95	53	42	-	28	42	15	10	-
Norfolk,	882	18	11	7	-	8	6	3	1	-
Norwood,	4,574	149	77	72	-	47	75	13	14	-
Quincy,	20,712	776	372	404	-	204	442	55	72	3
Randolph,	3,694	86	35	51	-	58	13	10	5	-
Sharon,	1,717	34	21	13	-	14	13	4	3	-
Stoughton,	5,272	91	44	47	-	42	29	8	11	1
Walpole,	2,994	68	35	33	-	28	25	7	8	-
Wellesley,	4,229	78	41	37	-	25	39	8	6	-
Westwood,	-	17	11	6	-	8	7	1	1	-
Weymouth,	11,291	230	113	117	-	116	70	26	18	-
Wrentham,	2,584	36	20	16	-	21	11	3	1	-
PLYMOUTH,	101,498	2,142	1,067	1,075	-	1,121	620	230	169	2
Abington,	4,207	68	34	34	-	43	11	11	3	-
Bridgewater,	4,686	85	40	45	-	54	18	9	4	-
Brockton,	33,165	871	454	417	-	362	361	83	65	-
Carver,	1,016	27	17	10	-	20	4	3	-	-
Duxbury,	1,966	23	8	15	-	16	2	3	2	-
E. Bridgewater,	2,894	49	21	28	-	29	15	5	-	-
Halifax,	497	11	5	6	-	4	4	-	3	-
Hanover,	2,051	43	21	22	-	30	4	6	3	-
Hanson,	1,380	23	11	12	-	14	3	2	4	-
Hingham,	4,819	99	34	65	-	48	20	20	11	-
Hull,	1,044	23	12	11	-	6	7	3	6	1
Kingston,	1,746	45	25	20	-	21	11	4	9	-
Lakeville,	870	11	6	5	-	10	-	-	1	-
Marion,	759	8	4	4	-	6	-	1	-	1
Marshfield,	1,760	21	9	12	-	14	1	5	1	-
Mattapoisett,	1,032	23	10	13	-	13	8	2	-	-
Middleborough,	6,689	119	58	61	-	74	23	15	7	-
Norwell,	1,540	20	14	6	-	15	-	3	2	-
Pembroke,	1,223	21	10	11	-	14	4	1	2	-
Plymouth,	7,957	171	89	82	-	78	65	15	13	-
Plympton,	549	4	1	3	-	3	-	1	-	-
Rochester,	1,021	14	7	7	-	9	1	2	2	-
Rockland,	5,523	100	48	52	-	66	17	11	6	-
Scituate,	2,246	44	18	26	-	33	5	3	3	-
Wareham,	3,367	56	28	28	-	40	10	2	4	-
W. Bridgewater,	1,747	26	15	11	-	14	6	4	2	-
Whitman,	5,744	137	68	69	-	85	20	16	16	-
SUFFOLK,	539,799	17,798	8,968	8,828	2	4,847	9,793	1,652	1,471	35
Boston,	496,920	16,577	8,342	8,233	2	4,501	9,149	1,532	1,362	33
Chelsea,	31,264	915	467	448	-	222	548	78	67	-
Revere,	7,423	222	114	108	-	79	78	33	32	-
Winthrop,	4,192	84	45	39	-	45	18	9	10	2

Registered during the Year 1898 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Native.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Native.	For.	Unk.		Agg'te.	Av'ge.
909	411	272	129	97	-	2,190	1,147	1,043	1,655	510	25	2,187	90,955	41·59
7	5	-	2	-	-	26	18	8	17	9	-	-	-	-
7	5	2	-	-	-	18	10	8	14	4	-	-	-	-
25	12	4	4	5	-	74	43	31	66	8	-	-	-	-
181	48	84	28	21	-	234	107	127	167	66	1	-	-	-
18	8	5	4	1	-	99	55	44	69	22	8	-	-	-
11	4	3	1	3	-	54	23	31	44	10	-	-	-	-
41	21	9	6	5	-	113	54	59	70	40	3	-	-	-
3	3	-	-	-	-	13	5	8	11	1	1	-	-	-
29	20	2	5	2	-	56	35	21	46	10	-	-	-	-
23	14	3	4	2	-	77	32	45	61	15	1	-	-	-
12	10	1	-	1	-	33	13	20	28	4	1	-	-	-
86	37	26	13	10	-	186	99	87	140	46	-	-	-	-
8	5	-	3	-	-	97	45	52	57	37	3	-	-	-
16	9	4	-	3	-	59	33	26	50	8	1	-	-	-
1	1	-	-	-	-	12	6	6	8	4	-	-	-	-
21	9	6	3	3	-	68	42	26	50	18	-	-	-	-
23	8	8	4	3	-	61	28	33	44	17	-	-	-	-
9	5	1	2	1	-	14	9	5	12	2	-	-	-	-
36	8	12	9	7	-	47	26	21	38	8	1	-	-	-
186	65	84	18	19	-	321	180	141	227	90	4	-	-	-
19	17	1	-	1	-	73	35	38	53	20	-	-	-	-
13	5	2	6	-	-	49	27	22	42	7	-	-	-	-
27	19	3	4	1	-	108	62	46	88	19	1	-	-	-
11	7	-	2	2	-	35	20	15	31	4	-	-	-	-
24	9	9	5	1	-	38	19	19	29	9	-	-	-	-
7	5	1	1	-	-	12	7	5	8	4	-	-	-	-
54	44	1	4	5	-	172	86	86	148	24	-	-	-	-
11	8	1	1	1	-	41	28	13	37	4	-	-	-	-
781	506	128	91	56	-	1,633	878	755	1,281	322	30	1,620	74,895	46·23
25	17	-	4	4	-	67	35	32	51	16	-	-	-	-
33	22	6	4	1	-	120	93	27	75	43	2	-	-	-
309	162	78	46	23	-	462	226	236	352	108	2	-	-	-
16	14	-	1	1	-	23	10	13	21	2	-	-	-	-
11	9	-	-	2	-	34	12	22	28	6	-	-	-	-
15	13	1	1	-	-	44	26	18	33	11	-	-	-	-
3	3	-	-	-	-	10	3	7	10	-	-	-	-	-
22	19	-	2	1	-	40	23	17	37	3	-	-	-	-
6	5	-	1	-	-	27	15	12	24	3	-	-	-	-
33	22	4	4	3	-	88	44	44	66	22	-	-	-	-
9	4	1	3	1	-	33	28	5	16	5	12	-	-	-
21	16	3	2	-	-	26	13	13	22	4	-	-	-	-
2	2	-	-	-	-	20	15	5	19	1	-	-	-	-
12	11	-	-	1	-	16	6	10	16	-	-	-	-	-
13	7	3	2	1	-	51	27	24	43	6	2	-	-	-
6	6	-	-	-	-	24	9	15	22	2	-	-	-	-
45	34	-	4	7	-	82	48	34	75	7	-	-	-	-
8	8	-	-	-	-	22	13	9	21	1	-	-	-	-
2	2	-	-	-	-	23	13	10	19	4	-	-	-	-
71	45	16	7	3	-	127	64	63	103	24	-	-	-	-
2	2	-	-	-	-	10	4	6	9	1	-	-	-	-
4	3	1	-	-	-	12	6	6	10	1	1	-	-	-
26	16	8	1	1	-	66	33	33	42	24	-	-	-	-
9	7	-	1	1	-	45	25	20	32	5	8	-	-	-
27	21	4	2	-	-	57	30	27	50	5	2	-	-	-
6	5	-	1	-	-	30	20	10	26	3	1	-	-	-
45	31	3	5	6	-	74	37	37	59	15	-	-	-	-
6,275	2,328	2,384	880	683	-	11,713	6,065	5,648	7,791	3,823	99	11,713	377,176	32·20
5,902	2,155	2,274	833	640	-	10,903	5,597	5,306	7,175	3,634	94	-	-	-
287	118	97	37	35	-	620	368	252	464	153	3	-	-	-
53	33	10	5	5	-	128	67	61	106	21	1	-	-	-
33	22	3	5	3	-	62	33	29	46	15	1	-	-	-

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, State Census, 1895.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Native.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
Worcester.	306,445	8,764	4,502	4,260	2	2,956	4,030	876	880	22
Ashburnham,	2,148	34	20	14	-	14	16	1	3	-
Athol,	7,364	135	77	58	-	87	26	9	13	-
Auburn,	1,598	18	9	9	-	8	3	5	2	-
Barre,	2,278	42	17	25	-	27	5	6	4	-
Berlin,	897	25	14	11	-	13	7	2	3	-
Blackstone,	6,039	122	66	56	-	32	74	11	5	-
Bolton,	797	8	4	4	-	6	1	1	-	-
Boylston,	729	9	4	5	-	5	2	1	1	-
Brookfield,	3,279	68	32	36	-	30	19	6	13	-
Charlton,	1,877	47	25	22	-	24	10	3	6	4
Clinton,	11,497	436	226	210	-	92	238	53	48	5
Dana,	717	24	11	13	-	19	4	-	1	-
Douglas,	2,026	37	20	17	-	17	14	2	4	-
Dudley,	3,203	111	47	64	-	22	61	10	18	-
Fitchburg,	26,409	940	507	433	-	228	524	103	85	-
Gardner,	9,182	307	157	150	-	62	185	24	36	-
Grafton,	5,101	123	54	69	-	37	56	16	14	-
Hardwick,	2,655	89	51	38	-	23	44	12	10	-
Harvard,	1,162	18	5	13	-	13	1	4	-	-
Holden,	2,602	47	21	26	-	18	18	6	5	-
Hopedale,	1,377	26	16	10	-	16	6	1	3	-
Hubbardston,	1,274	30	13	17	-	22	3	4	1	-
Lancaster,	2,180	52	27	25	-	26	16	7	3	-
Leicester,	3,239	86	52	34	-	45	17	11	13	-
Leominster,	9,211	238	119	119	-	101	84	22	31	-
Lunenburg,	1,237	22	12	10	-	11	4	3	4	-
Mendon,	889	15	8	7	-	9	4	2	-	-
Milford,	8,959	234	124	110	-	93	104	20	12	5
Millbury,	5,222	93	48	45	-	34	34	6	17	2
New Braintree,	542	3	1	2	-	2	-	1	-	-
North Brookfield,	4,635	105	54	51	-	54	26	14	11	-
Northborough,	1,940	40	23	17	-	21	8	6	5	-
Northbridge,	5,286	195	100	95	-	47	103	26	19	-
Oakham,	605	6	5	1	-	2	-	1	3	-
Oxford,	2,390	66	37	29	-	36	17	5	8	-
Paxton,	426	8	5	3	-	8	-	-	-	-
Petersham,	952	18	6	12	-	11	4	1	2	-
Phillipston,	460	5	4	1	-	3	2	-	-	-
Princeton,	952	19	8	11	-	13	3	3	-	-
Royalston,	890	7	1	6	-	3	2	-	2	-
Rutland,	978	19	13	6	-	15	1	1	2	-
Shrewsbury,	1,524	24	8	16	-	18	4	-	2	-
Southborough,	2,223	34	20	14	-	13	14	4	3	-
Southbridge,	8,250	299	167	132	-	98	122	32	45	2
Spencer,	7,614	190	93	97	-	93	47	25	25	-
Sterling,	1,218	26	13	13	-	18	5	1	2	-
Sturbridge,	1,910	57	32	25	-	23	19	4	11	-
Sutton,	3,420	96	48	48	-	28	40	14	14	-
Templeton,	2,915	70	33	36	1	43	13	7	6	1
Upton,	2,150	28	12	16	-	21	3	2	2	-
Uxbridge,	3,546	113	55	58	-	44	41	12	16	-
Warren,	4,430	77	35	42	-	36	21	10	9	1
Webster,	7,799	377	193	184	-	59	254	34	30	-
West Boylston,	2,968	76	31	45	-	20	34	14	8	-
West Brookfield,	1,467	16	5	11	-	13	1	-	2	-
Westborough,	5,235	109	54	55	-	63	23	18	5	-
Westminster,	1,315	17	4	13	-	14	2	-	1	-
Winchendon,	4,490	148	77	71	-	71	48	17	12	-
Worcester,	98,767	3,080	1,579	1,500	1	932	1,593	273	280	2

Registered during the Year 1898 — Concluded.

MARRIAGES.						DEATHS.								
	Nativity.						Sex.		Nativity.				Age.	
Couples.	Native.	For.	Na. Groom.	For. Groom.	Unk.	Persons.	M.	F.	Native.	For.	Unk.	No. whose Ages are registered.	Agg'te.	Av'ge.
2,540	1,165	846	259	269	1	5,418	2,782	2,636	4,034	1,342	42	5,413	200,359	37·02
7	7	-	-	-	-	25	9	16	20	3	2	-	-	-
60	38	10	5	7	-	100	41	59	85	15	-	-	-	-
8	6	-	1	1	-	31	12	19	25	6	-	-	-	-
16	11	1	3	1	-	42	18	24	36	4	2	-	-	-
4	4	-	-	-	-	14	8	6	14	-	-	-	-	-
46	19	16	4	7	-	117	58	59	67	48	2	-	-	-
2	2	-	-	-	-	14	5	9	11	3	-	-	-	-
6	3	2	-	1	-	16	9	7	15	1	-	-	-	-
27	17	4	1	5	-	55	36	19	44	10	1	-	-	-
14	13	-	-	1	-	38	20	18	29	7	2	-	-	-
109	33	50	15	11	-	212	120	92	142	68	2	-	-	-
7	7	-	-	-	-	12	9	3	12	-	-	-	-	-
14	5	6	2	1	-	53	24	29	47	6	-	-	-	-
6	2	4	-	-	-	64	30	34	47	16	1	-	-	-
278	84	128	35	31	-	424	224	200	290	134	-	-	-	-
75	29	25	11	10	-	126	69	57	97	29	-	-	-	-
31	12	9	5	5	-	87	49	38	69	17	1	-	-	-
28	10	9	3	6	-	52	28	24	37	15	-	-	-	-
5	4	-	1	-	-	29	19	10	26	2	1	-	-	-
8	7	1	-	-	-	40	18	22	28	11	1	-	-	-
7	5	-	-	2	-	19	8	11	14	4	1	-	-	-
4	3	-	-	1	-	25	12	13	24	1	-	-	-	-
10	8	-	-	2	-	34	17	17	26	8	-	-	-	-
19	6	2	6	5	-	41	23	18	31	10	-	-	-	-
75	45	18	5	7	-	140	71	69	123	17	-	-	-	-
7	7	-	-	-	-	20	10	10	16	4	-	-	-	-
6	3	-	-	3	-	20	10	10	17	2	1	-	-	-
53	27	14	6	6	-	152	70	82	106	45	1	-	-	-
28	17	4	6	1	-	81	42	39	49	31	1	-	-	-
-	-	-	-	-	-	5	1	4	4	1	-	-	-	-
27	14	4	4	5	-	84	39	45	70	13	1	-	-	-
13	6	5	-	2	-	25	12	13	21	4	-	-	-	-
53	13	22	11	7	-	103	46	57	79	23	1	-	-	-
2	2	-	-	-	-	12	5	7	10	2	-	-	-	-
13	10	2	1	-	-	36	20	16	28	7	1	-	-	-
2	2	-	-	-	-	11	8	3	10	1	-	-	-	-
1	1	-	-	-	-	13	5	8	12	1	-	-	-	-
1	1	-	-	-	-	6	3	3	5	1	-	-	-	-
4	4	-	-	-	-	11	6	5	11	-	-	-	-	-
7	6	1	-	-	-	23	12	11	20	1	2	-	-	-
6	4	-	1	1	-	12	8	4	12	-	-	-	-	-
9	8	1	-	-	-	22	15	7	22	-	-	-	-	-
7	1	4	-	2	-	23	9	14	16	5	2	-	-	-
81	42	13	14	12	-	200	114	86	144	55	1	-	-	-
64	40	7	6	11	-	109	63	46	84	25	-	-	-	-
6	6	-	-	-	-	18	8	10	16	2	-	-	-	-
22	13	5	-	4	-	38	18	20	32	6	-	-	-	-
18	10	4	2	2	-	60	34	26	52	8	-	-	-	-
30	24	1	3	2	-	54	29	25	48	6	-	-	-	-
10	8	-	2	-	-	34	19	15	30	4	-	-	-	-
30	13	6	6	5	-	60	21	39	44	16	-	-	-	-
15	9	4	1	1	-	51	24	27	39	12	-	-	-	-
83	25	45	4	8	1	157	77	80	116	41	-	-	-	-
23	10	5	4	4	-	42	21	21	32	8	2	-	-	-
6	5	-	-	1	-	25	14	11	21	3	1	-	-	-
32	19	5	2	6	-	112	55	57	78	34	-	-	-	-
7	5	-	2	-	-	23	16	7	19	3	1	-	-	-
39	25	6	3	5	-	86	45	41	75	11	-	-	-	-
969	405	403	84	77	-	1,880	966	914	1,337	532	11	-	-	-

Births, 1898.

Table II. — Births. — 1898.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE *during the Year.*

Year and Months.	Sex.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Totals,	73,110	517	2,350	8,608	82	8,433	838	5,191	1,254	13,737	51	3,345	2,142	17,798	8,764
	Males,	37,389	261	1,224	4,461	43	4,269	463	2,687	682	7,045	24	1,693	1,067	8,968	4,502
	Females,	35,694	256	1,126	4,138	39	4,155	374	2,503	572	6,689	27	1,652	1,075	8,828	4,260
	Unknown,	27	–	–	9	–	9	1	1	–	3	–	–	–	2	2
Jan.	Totals,	6,081	42	184	778	12	688	80	423	94	1,105	2	273	173	1,501	726
	Males,	3,111	27	100	403	5	356	46	227	55	562	1	120	86	738	385
	Females,	2,968	15	84	374	7	332	34	196	39	543	1	153	87	762	341
	Unknown,	2	–	–	1	–	–	–	–	–	–	–	–	–	1	–
Feb.	Totals,	5,878	35	198	621	6	714	78	405	110	1,090	7	292	131	1,474	717
	Males,	3,037	19	95	339	2	349	45	206	59	565	2	166	67	770	353
	Females,	2,836	16	103	282	4	360	33	199	51	525	5	126	64	704	364
	Unknown,	5	–	–	–	–	5	–	–	–	–	–	–	–	–	–
March.	Totals,	6,345	53	229	772	6	718	77	458	121	1,183	4	289	184	1,518	733
	Males,	3,229	31	121	374	2	357	43	230	65	636	2	136	93	736	403
	Females,	3,115	22	108	398	4	361	34	228	56	547	2	153	91	782	329
	Unknown,	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
April.	Totals,	5,701	33	188	680	8	663	56	419	98	1,016	9	269	199	1,374	689
	Males,	2,884	18	93	369	4	332	24	209	53	512	4	142	98	686	340
	Females,	2,814	15	95	308	4	331	32	210	45	504	5	127	101	688	349
	Unknown,	3	–	–	3	–	–	–	–	–	–	–	–	–	–	–

May.	Totals,	5,987	38	211	720	10	752	88	418	104	1,035	6	271	187	1,417	730
	Males,	3,022	19	107	381	4	372	46	219	69	539	2	138	83	687	356
	Females,	2,962	19	104	339	6	380	41	199	35	495	4	133	104	730	373
	Unknown,	3	–	–	–	–	–	1	–	–	1	–	–	–	–	1
June.	Totals,	6,021	34	200	720	10	674	58	464	97	1,116	3	279	194	1,474	698
	Males,	3,108	15	110	377	6	328	31	236	61	555	2	144	96	778	369
	Females,	2,910	19	90	343	4	344	27	227	36	561	1	135	98	696	329
	Unknown,	3	–	–	–	–	2	–	1	–	–	–	–	–	–	–
July.	Totals,	6,267	51	221	760	8	695	63	434	108	1,166	5	330	186	1,487	753
	Males,	3,226	25	117	402	7	354	39	218	58	598	3	165	96	762	382
	Females,	3,041	26	104	358	1	341	24	216	50	568	2	165	90	725	371
Aug.	Totals,	6,475	50	196	763	3	749	94	437	87	1,282	4	264	161	1,619	766
	Males,	3,273	18	97	389	2	366	43	240	46	648	1	122	75	830	396
	Females,	3,199	32	99	373	1	382	51	197	41	634	3	142	86	788	370
	Unknown,	3	–	–	1	–	1	–	–	–	–	–	–	–	1	–
Sept.	Totals,	6,102	48	182	658	5	674	47	428	101	1,178	5	292	194	1,513	777
	Males,	3,093	16	96	315	2	344	27	216	50	599	4	146	102	780	396
	Females,	3,009	32	86	343	3	330	20	212	51	579	1	146	92	733	381
Oct.	Totals,	6,169	44	219	664	7	686	76	432	129	1,234	3	255	199	1,483	738
	Males,	3,167	31	112	366	3	356	48	225	65	645	1	124	90	728	373
	Females,	2,999	13	107	295	4	330	28	207	64	589	2	131	109	755	365
	Unknown,	3	–	–	3	–	–	–	–	–	–	–	–	–	–	–
Nov.	Totals,	5,905	43	158	707	2	646	61	422	97	1,151	2	264	148	1,484	720
	Males,	3,038	21	89	338	2	351	35	219	52	599	1	143	84	752	352
	Females,	2,867	22	69	369	–	295	26	203	45	552	1	121	64	732	368
Dec.	Totals,	6,179	46	164	765	5	774	60	451	108	1,181	1	267	186	1,454	717
	Males,	3,201	21	87	408	4	404	36	242	49	587	1	147	97	721	397
	Females,	2,974	25	77	356	1	369	24	209	59	592	–	120	89	733	320
	Unknown,	4	–	–	1	–	1	–	–	–	2	–	–	–	–	–

Supplement A.

Plurality Cases — 1898.

(Included in Tables I. and II.)

	Sex.	State.	Barnstable	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Tot.	1,421	6	35	172	2	162	11	88	23	276	–	82	38	343	183
	Ma.	722	1	15	90	2	93	7	41	11	152	–	41	20	163	86
	Fe.	699	5	20	82	–	69	4	47	12	124	–	41	18	180	97

Supplement B.

Triplet Cases — 1898.

(Included in Supplement A.)

State and Counties.	Number of Cases.	Sex.		Parentage in Each Case.		
		Males.	Females.	Native.	Foreign.	Na. Fa. and For. Mo.
Massachusetts,	9	15	12	2	6	1
Berkshire,	1	–	3	1	–	–
Bristol,	2	2	1	1	–	–
		2	1	–	1	–
Franklin,	1	3	–	–	1	–
Hampshire,	1	2	1	–	1	–
Suffolk,	3	3	–	–	1	–
		–	3	–	1	–
		–	3	–	–	1
Worcester,	1	3	–	–	1	–

Supplement C.

Showing Number of Births in Each City, and in 53 Towns over *and 268 Towns* under *5,000 Population.*

	Whole Number.	Sex.		
		Males.	Females.	Unknown.
Massachusetts,	73,110	37,389	35,694	27
Beverly,	291	151	140	–
Boston,	16,577	8,342	8,233	2
Brockton,	871	454	417	–
Cambridge,	2,594	1,364	1,230	–
Chelsea,	915	467	448	–
Chicopee,	738	392	346	–
Everett,	708	339	369	–
Fall River,	4,726	2,451	2,272	3
Fitchburg,	940	507	433	–
Gloucester,	651	323	328	–
Haverhill,	889	439	450	–
Holyoke,	1,633	847	786	–
Lawrence,	1,958	962	993	3
Lowell,	2,413	1,228	1,182	3
Lynn,	1,505	779	723	3
Malden,	848	455	393	–
Marlborough,	336	165	171	–
Medford,	365	190	175	–
New Bedford,	2,048	1,040	1,004	4
Newburyport,	282	154	128	–
Newton,	808	417	391	–
North Adams,	731	387	344	–
Northampton,	390	218	172	–
Pittsfield,	530	263	267	–
Quincy,	776	372	404	–
Salem,	954	482	472	–
Somerville,	1,570	826	744	–
Springfield,	1,584	826	758	–
Taunton,	772	421	349	2
Waltham,	500	252	248	–
Woburn,	362	180	182	–
Worcester,	3,080	1,579	1,500	1
32 cities,	53,345	27,272	26,052	21

Supplement D.

53 towns over 5,000 population in 1895,	10,388	5,325	5,060	3

Supplement E.

268 towns under 5,000 population in 1895,	9,377	4,792	4,582	3

Table III. — Still-Born. — 1898.

Distinguishing by Counties and by Sex the Registered Number of Still-births during the Year.

	Sex.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Tot.	2,728	24	87	262	5	316	49	178	34	565	2	123	85	692	306
	Ma.	1,680	15	60	157	4	186	34	96	19	392	–	76	55	414	172
	Fe.	1,033	9	27	102	–	130	14	82	15	172	2	46	30	274	130
	Unk.	15	–	–	3	1	–	1	–	–	1	–	1	–	4	4

MARRIAGES, 1898.

Table IV.—Marriages.

Distinguishing by Counties and by Months the Num-

Year and Months.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.
The Year,	22,142	178	638	2,114	31
January,	1,807	14	49	223	1
February,	1,623	14	46	177	2
March,	927	6	20	78	3
April,	2,038	10	55	185	2
May,	1,461	17	43	147	3
June,	2,847	17	87	216	3
July,	1,442	9	41	133	2
August,	1,477	10	41	174	1
September,	1,965	15	61	194	3
October,	2,544	13	85	236	4
November,	2,491	23	71	232	3
December,	1,520	30	39	119	4

Table IV. — Marriages.

ber of Marriages Registered during the Year 1898.

Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
2,626	288	1,449	382	3,919	12	909	781	6,275	2,540
203	21	118	34	296	1	65	69	507	206
199	16	107	27	290	1	50	45	468	181
112	14	41	15	142	1	46	38	324	87
285	29	124	29	381	1	80	66	552	239
179	13	113	31	224	2	40	53	401	195
331	37	195	46	539	1	138	104	799	334
172	23	106	21	244	1	63	61	416	150
159	22	110	30	254	–	39	44	438	155
239	24	148	39	358	1	91	63	498	231
296	37	161	48	468	1	118	98	702	277
295	28	144	38	458	2	124	72	721	280
156	24	82	24	265	–	55	68	449	205

Table V. — Marriages. — 1898.

State and Counties: *By Age Periods.*

State and Counties.	All Ages.	13.	14.	15.	16.	17.	18.	19.	20 to 25.
State Totals,									
Grooms, . .	22,142	–	–	–	3	12	77	274	7,437
Brides, . .	22,142	1	6	25	162	409	1,213	1,502	9,578
Barnstable,									
Grooms, . .	178	–	–	–	–	–	–	5	66
Brides, . .	178	–	–	–	6	4	13	15	67
Berkshire,									
Grooms, . .	638	–	–	–	–	1	3	12	234
Brides, . .	638	1	–	1	7	18	43	47	266
Bristol,									
Grooms, . .	2,114	–	–	–	1	1	14	42	910
Brides, . .	2,114	–	2	3	19	65	162	203	937
Dukes,									
Grooms, . .	31	–	–	–	–	–	1	–	13
Brides, . .	31	–	–	–	1	–	2	2	12
Essex,									
Grooms, . .	2,626	–	–	–	1	4	17	46	933
Brides, . .	2,626	–	1	2	17	52	170	227	1,071
Franklin,									
Grooms, . .	288	–	–	–	–	–	1	7	95
Brides, . .	288	–	–	–	4	5	21	27	123
Hampden,									
Grooms, . .	1,449	–	–	–	–	–	6	19	524
Brides, . .	1,449	–	1	1	16	39	111	110	673
Hampshire,									
Grooms, . .	382	–	–	–	–	–	–	3	143
Brides, . .	382	–	–	1	3	9	18	29	156
Middlesex,									
Grooms, . .	3,919	–	–	–	1	2	11	42	1,215
Brides, . .	3,919	–	–	5	21	52	166	229	1,721
Nantucket,									
Grooms, . .	12	–	–	–	–	–	–	–	7
Brides, . .	12	–	–	–	–	–	–	1	7
Norfolk,									
Grooms, . .	909	–	–	–	–	2	5	6	254
Brides, . .	909	–	1	2	5	11	37	42	375
Plymouth,									
Grooms, . .	781	–	–	–	–	–	2	14	300
Brides, . .	781	–	1	2	6	29	58	49	330
Suffolk,									
Grooms, . .	6,275	–	–	–	–	1	7	27	1,792
Brides, . .	6,275	–	–	4	33	63	259	335	2,682
Worcester,									
Grooms, . .	2,540	–	–	–	–	1	10	51	951
Brides, . .	2,540	–	–	4	24	62	153	186	1,158

Table V. — Marriages. — 1898.

State and Counties: *By Age Periods.*

25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
7,491	3,209	1,597	760	522	309	196	120	84	36	12	3
5,360	1,928	949	482	260	133	78	36	18	2	–	–
50	16	13	8	8	2	2	2	2	3	–	1
32	13	14	4	3	4	1	1	1	–	–	–
208	84	40	20	9	11	11	3	2	–	–	–
145	55	22	13	13	5	2	–	–	–	–	–
616	235	125	62	48	27	15	11	3	3	–	1
391	143	90	49	23	10	10	6	1	–	–	–
7	4	2	–	1	1	–	–	1	–	1	–
8	2	2	–	–	1	–	–	–	1	–	–
845	350	190	91	60	37	27	12	8	2	3	–
614	223	119	58	39	14	11	5	3	–	–	–
91	41	19	8	5	6	4	6	4	1	–	–
42	29	7	11	6	8	3	2	–	–	–	–
502	203	81	45	28	14	11	8	5	3	–	–
310	87	52	19	14	8	5	2	–	1	–	–
118	49	28	5	14	11	3	2	4	2	–	–
91	36	17	9	3	4	5	1	–	–	–	–
1,406	572	295	133	99	63	34	22	13	6	5	–
1,020	383	148	82	46	25	11	6	4	–	–	–
1	–	2	–	–	1	–	1	–	–	–	–
2	1	–	–	–	–	1	–	–	–	–	–
341	153	57	34	25	16	11	3	1	1	–	–
274	84	40	23	8	4	2	1	–	–	–	–
225	104	54	19	23	18	8	10	3	1	–	–
171	62	33	26	4	6	2	2	–	–	–	–
2,233	1,059	548	265	160	73	52	28	21	7	2	–
1,690	627	313	144	70	31	17	3	4	–	–	–
848	339	143	70	42	29	18	12	17	7	1	1
570	183	92	44	31	13	8	7	5	–	–	–

Table VI. — Marriages. — 1898.

Exhibiting the Social Condition and Ages, respectively, of Parties Married during the Year.

Aggregate — Of all Conditions.

Age of Males.	Age of Females.														
	All Ages.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
All Ages,	22,142	3,318	9,578	5,360	1,928	949	482	260	133	78	36	18	2	–	–
Under 20, .	366	240	115	10	1	–	–	–	–	–	–	–	–	–	–
20 to 25, .	7,437	2,066	4,567	691	89	19	4	–	1	–	–	–	–	–	–
25 to 30, .	7,491	826	3,583	2,615	390	63	10	2	2	–	–	–	–	–	–
30 to 35, .	3,209	130	913	1,294	673	163	26	9	–	–	1	–	–	–	–
35 to 40, .	1,597	43	267	469	443	281	72	18	3	–	1	–	–	–	–
40 to 45, .	760	10	79	164	179	169	127	28	3	1	–	–	–	–	–
45 to 50, .	522	2	28	72	96	133	106	66	15	3	1	–	–	–	–
50 to 55, .	309	–	13	25	33	64	71	57	33	11	–	2	–	–	–
55 to 60, .	196	1	10	11	16	30	31	38	30	25	3	1	–	–	–
60 to 65, .	120	–	2	6	2	17	18	24	23	14	10	4	–	–	–
65 to 70, .	84	–	1	3	4	7	12	11	12	13	15	6	–	–	–
70 to 75, .	36	–	–	–	1	2	4	3	10	9	3	3	1	–	–
75 to 80, .	12	–	–	–	1	1	1	2	1	2	1	2	1	–	–
Over 80, .	3	–	–	–	–	–	–	2	–	–	1	–	–	–	–

(A.) First Marriage of Both Parties.

All Ages,	18,200	3,210	8,950	4,472	1,141	306	74	32	10	3	2	–	–	–	–
Under 30, .	359	240	111	8	–	–	–	–	–	–	–	–	–	–	–
20 to 25, .	7,228	2,047	4,487	622	63	9	–	–	–	–	–	–	–	–	–
25 to 30, .	6,889	782	3,400	2,387	284	29	5	1	1	–	–	–	–	–	–
30 to 35, .	2,476	107	750	1,072	466	71	8	2	–	–	–	–	–	–	–
35 to 40, .	853	28	157	292	241	118	14	2	1	–	–	–	–	–	–
40 to 45, .	247	4	34	65	62	45	27	9	1	–	–	–	–	–	–
45 to 50, .	101	1	7	20	20	21	18	11	2	1	–	–	–	–	–
50 to 55, .	24	–	3	4	3	7	1	4	2	–	–	–	–	–	–
55 to 60, .	14	1	1	1	1	3	1	1	3	1	1	–	–	–	–
60 to 65, .	7	–	–	1	–	3	–	2	–	1	–	–	–	–	–
65 to 70, .	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–
70 to 75, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
75 to 80, .	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Over 80, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table VI. — Continued.

(B.) First Marriage of Groom, Subsequent Marriage of Bride.

Age of Males.	Age of Females.														
	All Ages.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
All Ages,	1,095	3	121	316	282	194	110	36	18	7	5	3	-	-	-
Under 20, .	7	-	4	2	1	-	-	-	-	-	-	-	-	-	-
20 to 25, .	157	2	49	66	25	10	4	-	1	-	-	-	-	-	-
25 to 30, .	306	-	50	142	82	26	4	1	1	-	-	-	-	-	-
30 to 35, .	252	1	12	73	101	50	10	4	-	-	1	-	-	-	-
35 to 40, .	181	-	6	20	55	62	30	6	1	-	1	-	-	-	-
40 to 45, .	92	-	-	10	14	25	34	7	1	1	-	-	-	-	-
45 to 50, .	55	-	-	2	3	14	21	10	3	1	1	-	-	-	-
50 to 55, .	23	-	-	1	1	4	5	5	5	1	-	1	-	-	-
55 to 60, .	16	-	-	-	-	2	2	2	5	3	1	1	-	-	-
60 to 65, .	3	-	-	-	-	-	-	1	-	-	1	1	-	-	-
65 to 70, .	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
70 to 75, .	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-
75 to 80, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Over 80, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(C.) Subsequent Marriage of Groom, but First Marriage of Bride.

All Ages,	1,804	104	467	459	329	231	113	55	30	14	2	-	-	-	-
Under 20, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 to 25, .	50	17	29	3	1	-	-	-	-	-	-	-	-	-	-
25 to 30, .	258	43	127	69	17	2	-	-	-	-	-	-	-	-	-
30 to 35, .	379	22	138	121	69	26	1	2	-	-	-	-	-	-	-
35 to 40, .	406	15	95	126	99	55	15	1	-	-	-	-	-	-	-
40 to 45, .	254	6	39	74	65	48	20	2	-	-	-	-	-	-	-
45 to 50, .	191	1	18	39	49	49	22	11	2	-	-	-	-	-	-
50 to 55, .	115	-	10	12	18	27	32	7	6	3	-	-	-	-	-
55 to 60, .	74	-	8	8	8	15	11	14	6	4	-	-	-	-	-
60 to 65, .	38	-	2	4	1	4	5	11	8	3	-	-	-	-	-
65 to 70, .	24	-	1	3	1	3	5	5	4	1	1	-	-	-	-
70 to 75, .	12	-	-	-	1	1	2	-	4	3	1	-	-	-	-
75 to 80, .	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Over 80, .	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-

Table VI. — Concluded.

(D.) Subsequent Marriage of Both Parties.

Age of Males.	Age of Females.														
	All Ages.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
All Ages,	1,043	1	40	113	176	218	185	137	75	54	27	15	2	–	–
Under 20, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25, .	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
25 to 30, .	38	1	6	17	7	6	1	–	–	–	–	–	–	–	–
30 to 35, .	102	–	13	28	37	16	7	1	–	–	–	–	–	–	–
35 to 40, .	157	–	9	31	48	46	13	9	1	–	–	–	–	–	–
40 to 45, .	167	–	6	15	38	51	46	10	1	–	–	–	–	–	–
45 to 50, .	175	–	3	11	24	49	45	34	8	1	–	–	–	–	–
50 to 55, .	147	–	–	8	11	26	33	41	20	7	–	1	–	–	–
55 to 60, .	92	–	1	2	7	10	17	21	16	17	1	–	–	–	–
60 to 65, .	72	–	–	1	1	10	13	10	15	10	9	3	–	–	–
65 to 70, .	58	–	–	–	3	3	7	6	8	12	13	6	–	–	–
70 to 75, .	22	–	–	–	–	1	2	3	5	5	2	3	1	–	–
75 to 80, .	9	–	–	–	–	–	1	1	1	2	1	2	1	–	–
Over 80, .	2	–	–	–	–	–	–	1	–	–	1	–	–	–	–

(E.) Conjugal Condition of Persons Married, 1898.

Grooms.	Whole Number of Marriages.	Brides.			
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.
Whole number, .	22,142	20,004	2,042	90	6
First marriage, .	19,295	18,200	1,068	25	2
Second marriage, .	2,658	1,710	904	43	1
Third marriage, .	181	89	68	21	3
Fourth marriage, .	8	5	2	1	–

DEATHS, 1898.

Table VII. — Deaths. — 1898.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who died during the Year.

Year and Months.	Sex.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Totals,	46,761	584	1,393	4,409	83	5,793	662	2,954	878	8,993	58	2,190	1,633	11,713	5,418
	Males,	24,082	306	702	2,270	56	2,970	342	1,491	435	4,608	30	1,147	878	6,065	2,782
	Females,	22,679	278	691	2,139	27	2,823	320	1,463	443	4,385	28	1,043	755	5,648	2,636
Jan.	Totals,	3,849	44	109	363	6	469	73	244	68	717	6	184	143	973	450
	Males,	1,936	17	54	195	4	230	37	131	26	368	1	93	71	481	228
	Females,	1,913	27	55	168	2	239	36	113	42	349	5	91	72	492	222
Feb.	Totals,	3,453	53	91	348	6	433	56	218	56	670	4	177	105	841	395
	Males,	1,759	26	44	182	3	236	24	110	27	321	2	98	55	424	207
	Females,	1,694	27	47	166	3	197	32	108	29	349	2	79	50	417	188
Mar.	Totals,	3,928	51	125	364	3	488	52	227	91	759	2	207	139	966	454
	Males,	1,994	23	63	190	1	230	25	118	45	379	2	111	83	490	234
	Females,	1,934	28	62	174	2	258	27	109	46	380	–	96	56	476	220
April.	Totals,	3,833	35	122	362	6	444	47	208	79	719	7	172	138	995	499
	Males,	1,991	17	59	200	1	217	22	105	43	374	6	92	76	534	245
	Females,	1,842	18	63	162	5	227	25	103	36	345	1	80	62	461	254
May.	Totals,	3,770	45	137	342	6	479	56	214	72	681	6	167	137	929	499
	Males,	1,987	24	72	163	5	267	30	97	38	376	3	95	73	487	257
	Females,	1,783	21	65	179	1	212	26	117	34	305	3	72	64	442	242

June.	Totals,	3,165	36	91	293	6	411	41	223	55	603	5	142	94	772	393
	Males,	1,660	16	40	156	3	208	21	104	25	328	2	81	51	424	201
	Females,	1,505	20	51	137	3	203	20	119	30	275	3	61	43	348	192
July.	Totals,	3,880	32	93	403	3	481	47	327	81	797	4	156	110	948	398
	Males,	2,055	18	55	217	3	256	26	181	36	418	2	80	52	496	215
	Females,	1,825	14	38	186	–	225	21	146	45	379	2	76	58	452	183
Aug.	Totals,	5,020	42	150	486	5	659	66	345	79	995	6	228	128	1,280	551
	Males,	2,542	26	80	242	3	318	39	174	41	505	4	116	66	658	270
	Females,	2,478	16	70	244	2	341	27	171	38	490	2	112	62	622	281
Sept.	Totals,	4,440	61	130	411	12	535	73	283	86	883	8	231	164	1,079	484
	Males,	2,279	31	68	197	9	284	35	131	39	426	3	130	85	573	268
	Females,	2,161	30	62	214	3	251	38	152	47	457	5	101	79	506	216
Oct.	Totals,	3,799	60	128	361	9	431	53	231	76	714	2	175	137	983	439
	Males,	1,969	33	63	192	8	221	27	120	46	365	2	94	72	490	236
	Females,	1,830	27	65	169	1	210	26	111	30	349	–	81	65	493	203
Nov.	Totals,	3,595	80	107	308	13	454	48	193	58	668	4	161	175	918	408
	Males,	1,870	52	53	144	11	235	26	96	32	349	–	71	116	478	207
	Females,	1,725	28	54	164	2	219	22	97	26	319	4	90	59	440	201
Dec.	Totals,	4,029	45	110	368	8	509	50	241	77	787	4	190	163	1,029	448
	Males,	2,040	23	51	192	5	268	30	124	37	399	3	86	78	530	214
	Females,	1,989	22	59	176	3	241	20	117	40	388	1	104	85	499	234

Table VIII. — Deaths by Age and Sex,

Distinguishing by Age and Sex the Number of Deaths registered in Each Population, distinguishing Sex, according to the Census of 1895, — and

State and Counties.	Population. Census 1895.	Sex.	Percentage of Deaths to Population.	No of Deaths Regist'd 1898.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15
Massachusetts,	2,500,183	Tot.	1·87	46,761	11,012	2,096	852	511	391	911	607
	1,214,701	Ma.	·	24,082	6,092	1,088	431	271	199	484	305
	1,285,482	Fe.	·	22,679	4,920	1,008	421	240	192	427	302
Barnstable,	27,654	Tot.	2·11	584	56	11	5	5	4	8	5
	13,294	Ma.	·	306	32	8	2	3	2	5	1
	14,360	Fe.	·	278	24	3	3	2	2	3	4
Berkshire,	86,292	Tot.	1·61	1,393	291	49	25	14	9	23	29
	42,525	Ma.	·	702	160	23	14	9	5	11	11
	43,767	Fe.	·	691	131	26	11	5	4	12	18
Bristol,	219,019	Tot.	2·01	4,409	1,408	190	84	57	41	90	51
	105,582	Ma.	·	2,270	791	92	43	29	21	56	27
	113,437	Fe.	·	2,139	617	98	41	28	20	34	24
Dukes,	4,238	Tot.	1·96	83	11	1	1	-	-	-	3
	2,057	Ma.	·	56	7	-	1	-	-	-	3
	2,181	Fe.	·	27	4	1	-	-	-	-	-
Essex,	330,393	Tot.	1·75	5,793	1,269	250	118	67	54	140	70
	161,913	Ma.	·	2,970	716	120	65	34	23	66	30
	168,480	Fe.	·	2,823	553	130	53	33	31	74	40
Franklin,	40,145	Tot.	1·65	662	100	23	10	10	5	8	10
	20,293	Ma.	·	342	57	8	4	5	2	5	6
	19,852	Fe.	·	320	43	15	6	5	3	3	4
Hampden,	152,938	Tot.	1·93	2,954	898	151	55	42	22	57	32
	74,133	Ma.	·	1,491	482	82	27	22	9	27	16
	78,805	Fe.	·	1,463	416	69	28	20	13	30	16
Hampshire,	54,710	Tot.	1·61	878	166	29	15	5	10	17	12
	26,061	Ma.	·	435	81	16	9	2	8	8	6
	28,649	Fe.	·	443	85	13	6	3	2	9	6
Middlesex,	499,217	Tot.	1·80	8,993	2,118	403	137	100	77	159	107
	239,323	Ma.	·	4,608	1,196	201	70	56	45	81	53
	259,894	Fe.	·	4,385	922	202	67	44	32	78	54
Nantucket,	3,016	Tot.	1·92	58	5	-	-	-	-	1	1
	1,315	Ma.	·	30	5	-	-	-	-	1	1
	1,701	Fe.	·	28	-	-	-	-	-	-	-
Norfolk,	134,819	Tot.	1·62	2,190	404	73	29	19	21	44	23
	64,780	Ma.	·	1,147	233	43	16	11	13	25	16
	70,039	Fe.	·	1,043	171	30	13	8	8	19	7
Plymouth,	101,498	Tot.	1·61	1,633	281	36	18	11	2	13	16
	50,694	Ma.	·	878	171	15	5	4	1	6	12
	50,804	Fe.	·	755	110	21	13	7	1	7	4
Suffolk	539,799	Tot.	2·17	11,713	2,776	638	240	123	101	235	152
	260,675	Ma.	·	6,065	1,485	342	115	73	45	129	84
	279,124	Fe.	·	5,648	1,291	296	125	50	56	106	68
Worcester,	306,445	Tot.	1·77	5,418	1,229	242	115	58	45	116	96
	152,056	Ma.	·	2,782	676	138	60	23	25	64	39
	154,389	Fe.	·	2,636	553	104	55	35	20	52	57

AND BY COUNTIES.—1898.

County and in the State during the Year 1898,—in Connection with the also with the Percentage of the Registered Number of Deaths to the Population.

15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 and over.	Unknown.
1,117	1,894	2,125	1,917	1,970	1,709	1,815	2,010	2,114	2,479	2,685	2,606	2,512	1,754	1,129	377	111	57
545	994	1,126	998	1,028	928	943	1,065	1,063	1,255	1,315	1,262	1,212	784	477	135	35	47
572	900	999	919	942	781	872	945	1,051	1,224	1,370	1,344	1,300	970	652	242	76	10
7	24	22	11	16	19	26	33	28	41	46	55	61	56	32	8	2	3
3	14	13	7	13	10	12	19	16	19	18	26	35	30	12	3	-	3
4	10	9	4	3	9	14	14	12	22	28	29	26	26	20	5	2	-
38	58	60	56	51	40	56	53	60	71	104	99	86	58	32	19	8	4
20	25	32	34	31	20	28	21	30	37	51	43	35	32	15	9	4	2
18	33	28	22	20	20	28	32	30	34	53	56	51	26	17	10	4	2
92	154	182	150	170	123	166	183	178	223	204	227	205	117	86	18	9	1
36	76	96	72	81	63	81	98	94	108	93	108	102	56	40	5	1	1
56	78	86	78	89	60	85	85	84	115	111	119	103	61	46	13	8	-
2	-	2	2	2	4	4	-	4	5	7	11	5	4	1	4	1	9
2	-	1	2	1	2	4	-	3	4	4	6	4	2	-	1	-	9
-	-	1	-	1	2	-	-	1	1	3	5	1	2	1	3	1	-
131	222	241	256	221	211	215	250	301	325	340	324	341	211	167	48	10	11
72	127	130	135	120	122	104	136	138	152	166	173	162	84	70	16	3	6
59	95	111	121	101	89	111	114	163	173	174	151	179	127	97	32	7	5
25	28	30	16	18	19	18	19	39	47	47	58	52	40	27	11	2	-
11	16	17	8	9	11	8	11	22	23	24	33	25	18	14	3	2	-
14	12	13	8	9	8	10	8	17	24	23	25	27	22	13	8	-	-
77	113	139	92	108	77	86	110	134	144	151	138	139	90	68	22	7	2
32	48	65	45	49	35	51	58	71	74	77	75	71	38	27	6	3	1
45	65	74	47	59	42	35	52	63	70	74	63	68	52	41	16	4	1
16	36	29	22	31	37	20	26	39	64	57	62	89	46	35	12	2	1
8	18	13	9	18	19	8	15	20	28	28	32	44	22	17	5	-	1
8	18	16	13	13	18	12	11	19	36	29	30	45	24	18	7	2	-
238	381	401	339	356	314	361	409	394	499	545	509	474	364	212	70	21	5
120	200	206	172	179	155	192	204	202	267	274	244	221	150	85	25	5	5
118	181	195	167	177	159	169	205	192	232	271	265	253	214	127	45	16	-
3	1	1	1	2	1	-	4	2	1	3	5	14	8	2	3	-	-
1	-	-	1	1	-	-	3	2	-	2	2	4	4	1	2	-	-
2	1	1	-	1	1	-	1	-	1	1	3	10	4	1	1	-	-
46	92	73	90	90	90	95	88	99	120	151	160	166	111	74	24	5	3
26	52	34	49	50	51	46	55	53	56	68	72	86	53	27	8	1	3
20	40	39	41	40	39	49	33	46	64	83	88	80	58	47	16	4	-
36	57	65	62	68	69	51	57	70	100	124	125	141	111	73	29	5	13
18	36	35	26	35	42	35	28	35	56	74	60	68	57	34	11	1	13
18	21	30	36	33	27	16	29	35	44	50	65	73	54	39	18	4	-
270	526	652	615	646	502	540	584	543	580	577	481	420	283	160	49	20	-
127	282	362	336	336	278	277	310	271	289	284	229	200	124	61	20	6	-
143	244	290	279	310	224	263	274	272	291	293	252	220	159	99	29	14	-
136	202	228	205	191	203	177	194	223	259	329	352	319	255	160	60	19	5
69	100	122	102	105	120	97	107	106	142	152	159	155	114	74	21	9	3
67	102	106	103	86	83	80	87	117	117	177	193	164	141	86	39	10	2

TABLE VIII. — Continued.

Cities.	Population Census 1895.	Sex.	Percentage of Deaths to Population.	Number of Deaths Registered 1898.		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15
Beverly, . . .	11,806	Ma.	1·73	204	108	22	4	–	–	–	5	1
		Fe.	·		96	14	3	2	–	–	2	2
Boston, . . .	496,920	Ma.	2·19	10,903	5,597	1,367	316	108	69	43	122	80
		Fe.	·		5,306	1,202	276	115	45	48	105	60
Brockton, . .	33,165	Ma.	1·39	462	226	65	5	3	2	–	–	4
		Fe.	·		236	53	9	6	–	–	2	2
Cambridge, . .	81,643	Ma.	1·91	1,558	772	239	43	15	17	7	18	6
		Fe.	·		786	177	52	15	9	7	15	14
Chelsea, . .	31,264	Ma.	1·98	620	368	86	23	7	4	1	4	4
		Fe.	·		252	63	14	10	4	7	1	5
Chicopee, . .	16,420	Ma.	2·18	358	171	81	13	5	–	–	3	1
		Fe.	·		187	65	9	–	4	–	3	5
Everett, . .	18,573	Ma.	1·83	341	178	53	10	2	3	2	2	3
		Fe.	·		163	40	8	2	1	1	2	2
Fall River, . .	89,203	Ma.	2·15	1,917	993	453	48	21	17	12	26	9
		Fe.	·		924	327	45	19	11	8	18	14
Fitchburg, . .	26,409	Ma.	1·61	424	224	83	13	2	–	2	2	3
		Fe.	·		200	59	10	5	1	1	5	2
Gloucester, . .	28,211	Ma.	1·60	450	269	61	8	8	3	2	3	2
		Fe.	·		181	44	6	4	3	2	10	2
Haverhill, . .	34,945	Ma.	1·54	537	284	67	20	9	7	1	8	1
		Fe.	·		253	52	15	5	2	7	9	5
Holyoke, . .	40,322	Ma.	2·02	814	385	172	20	3	6	3	7	8
		Fe.	·		429	151	21	10	5	6	15	3
Lawrence, . .	52,164	Ma.	2·21	1,153	565	198	27	16	9	10	14	13
		Fe.	·		588	167	33	11	9	11	20	6
Lowell, . . .	84,367	Ma.	2·15	1,809	929	293	53	18	14	14	18	16
		Fe.	·		880	227	53	15	15	8	17	6
Lynn, . . .	62,354	Ma.	1·51	943	478	125	20	13	3	3	11	6
		Fe.	·		465	98	25	10	4	3	8	6
Malden, . . .	29,708	Ma.	1·68	498	244	81	12	6	1	2	6	2
		Fe.	·		254	47	12	5	6	–	6	8
Marlborough, .	14,977	Ma.	1·45	217	108	20	11	2	–	3	4	–
		Fe.	·		109	12	4	1	2	1	4	1
Medford, . .	14,474	Ma.	1·37	198	90	28	3	1	1	3	2	–
		Fe.	·		108	25	1	1	–	2	2	–
New Bedford, .	55,251	Ma.	2·03	1,120	553	204	29	16	10	2	17	4
		Fe.	·		567	183	33	14	13	5	6	9
Newburyport, .	14,552	Ma.	1·79	261	128	20	4	1	2	–	2	–
		Fe.	·		133	14	3	3	2	–	3	3
Newton, . .	27,590	Ma.	1·67	459	207	64	6	2	1	1	2	5
		Fe.	·		252	62	13	3	1	1	3	6
North Adams, .	19,135	Ma.	1·62	309	161	48	12	7	1	3	4	–
		Fe.	·		148	38	8	5	2	1	6	2
Northampton, .	16,746	Ma.	1·73	289	150	32	8	2	–	2	3	2
		Fe.	·		139	30	2	2	–	1	2	2
Pittsfield, . .	20,461	Ma.	1·71	349	175	31	4	2	5	2	2	6
		Fe.	·		174	37	5	2	–	–	4	8
Quincy, . . .	20,712	Ma.	1·55	321	180	46	10	1	2	5	3	2
		Fe.	·		141	36	7	4	3	3	2	2

(*A.*) *Cities.*

15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 and over	Unknown.
4	5	10	3	5	4	3	2	2	5	5	6	12	6	3	1	-	-
4	7	6	3	6	1	1	6	2	7	6	3	8	6	6	1	-	-
119	265	345	322	318	261	262	280	240	253	250	205	178	113	58	18	5	-
141	236	281	259	298	214	249	256	257	270	273	233	207	150	88	29	14	-
6	5	14	4	9	14	14	7	7	12	17	11	11	11	5	-	-	-
9	8	15	14	15	7	7	12	13	13	14	13	12	6	3	3	-	-
25	32	42	40	31	21	26	25	29	27	36	27	37	15	9	3	2	-
22	33	35	26	37	32	43	39	32	26	56	36	31	30	12	4	3	-
6	13	15	12	16	12	13	22	26	32	26	21	13	7	3	1	1	-
2	7	7	13	6	7	11	13	11	14	13	18	12	6	8	-	-	-
3	2	5	4	5	5	5	8	7	5	3	6	4	4	2	-	-	-
6	7	7	8	7	6	3	7	5	13	8	8	7	3	4	1	1	-
5	10	8	4	5	2	8	8	10	15	7	10	3	3	2	2	-	1
1	7	4	7	14	5	3	4	8	7	6	12	14	11	1	2	1	-
19	30	46	26	34	21	33	32	35	44	25	34	16	7	5	-	-	-
27	42	43	34	47	26	32	45	34	39	30	32	30	9	8	4	-	-
5	9	11	9	7	2	10	11	7	12	9	12	7	7	-	1	-	-
3	9	16	10	7	13	6	2	2	9	13	12	4	6	4	1	-	-
7	12	28	21	10	15	11	17	9	12	10	11	7	2	8	2	-	-
3	8	5	10	10	3	4	5	9	10	14	7	9	7	2	2	1	1
11	11	15	7	8	13	10	14	11	11	15	16	16	7	4	1	1	-
3	13	10	9	9	12	12	10	15	15	7	10	13	8	9	2	1	-
10	10	15	13	16	7	15	8	11	13	15	17	9	6	1	-	-	-
14	21	28	12	17	14	15	14	22	16	16	11	9	6	2	-	1	-
11	23	17	24	19	16	16	28	24	25	23	22	12	8	9	-	-	1
16	9	27	33	11	23	27	20	35	35	32	21	21	7	8	6	-	-
27	46	41	26	36	36	39	32	41	52	41	36	24	14	10	2	-	-
30	39	45	39	36	25	27	46	46	49	44	38	37	20	13	2	3	-
14	16	17	22	24	25	18	28	21	21	26	17	23	12	8	2	1	2
9	20	18	22	14	16	16	16	30	30	38	17	28	16	18	3	-	-
5	5	12	11	6	8	3	10	11	9	14	12	11	6	10	-	1	-
7	9	12	11	7	9	4	12	12	10	17	20	14	16	8	1	1	-
1	6	2	2	4	3	5	6	6	9	7	8	6	2	1	-	-	-
3	6	6	5	5	5	9	3	5	9	9	6	5	3	4	-	1	-
1	3	3	3	2	-	2	4	6	6	4	8	4	3	2	1	-	-
-	4	3	6	7	3	3	5	4	5	10	11	7	5	1	3	-	-
7	20	26	22	17	15	16	20	16	21	20	16	28	11	13	3	-	-
18	22	18	18	19	12	19	18	16	25	26	29	32	12	13	3	4	-
4	8	5	6	3	5	5	2	5	3	18	15	13	4	3	-	-	-
2	6	6	6	9	1	3	7	8	3	14	7	10	9	10	2	2	-
7	6	10	9	6	4	6	10	8	11	12	11	14	8	4	-	-	-
7	10	10	8	6	6	15	10	6	12	17	15	16	11	10	4	-	-
1	7	8	7	5	5	5	6	9	11	6	5	3	4	3	-	-	1
5	11	5	3	1	8	9	10	3	7	10	6	4	2	1	1	-	-
1	8	8	6	5	7	5	8	7	7	4	10	12	6	4	2	-	1
3	3	7	5	9	3	6	1	8	12	10	7	13	9	4	-	-	-
4	6	13	10	11	8	8	6	6	6	12	12	7	6	3	1	4	-
3	6	9	7	3	6	6	6	8	9	18	12	9	8	5	2	-	1
7	6	5	9	10	6	9	3	9	7	9	12	11	3	2	1	-	2
2	4	6	1	8	5	4	4	9	7	9	9	4	6	3	3	-	-

TABLE VIII. — Concluded.

Cities.	Population. Census 1895.	Sex.	Percentage of Deaths to Population.	Number of Deaths Registered 1898.		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15
Salem, . . .	34,473	Ma.	1·69	583	286	77	10	3	2	-	5	2
		Fe.	·		297	51	9	5	2	-	6	6
Somerville, . .	52,200	Ma.	1·69	880	443	106	16	8	6	2	5	7
		Fe.	·		437	90	18	10	2	1	8	4
Springfield, . .	51,522	Ma.	1·92	991	536	131	30	15	9	3	8	4
		Fe.	·		455	90	20	9	7	4	7	3
Taunton, . .	27,115	Ma.	2·12	576	298	62	7	4	1	3	5	5
		Fe.	·		278	47	11	5	2	1	3	-
Waltham, . .	20,876	Ma.	1·33	277	138	34	3	2	-	2	3	3
		Fe.	·		139	25	3	1	1	-	-	3
Woburn, . .	14,178	Ma.	1·67	237	120	27	6	-	1	1	-	3
		Fe.	·		117	32	5	2	-	3	1	-
Worcester, . .	98,767	Ma.	1·90	1,880	966	229	54	24	10	11	20	17
		Fe.	·		914	213	44	20	12	7	22	14

(B.) 53 TOWNS OVER 5,000

53 towns of over 5,000 population, census of 1895, .	398,754	Ma.	1·64	6,553	3,368	799	122	54	38	24	94	39
		Fe.	·		3,185	612	127	58	37	24	55	52

(C.) 268 TOWNS UNDER 5,000

268 towns under 5,000 population, census of 1895, .	465,662	Ma.	1·78	8,270	4,384	688	118	51	27	30	56	47
		Fe.	·		3,886	537	104	42	35	29	55	45

(*A.*) *Cities.*

15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 and over.	Unknown.
3	10	8	20	11	14	8	10	26	16	14	12	16	7	7	3	1	1
11	11	12	13	10	7	13	10	14	18	15	22	27	19	13	3	-	-
8	11	22	12	14	14	22	25	23	38	32	26	25	15	4	2	-	-
2	19	23	16	13	22	10	19	20	23	37	32	23	24	13	8	-	-
12	23	29	22	18	11	21	24	31	28	32	28	30	14	11	2	-	-
12	18	24	17	25	17	12	22	20	30	17	21	33	23	17	6	1	-
5	6	12	14	14	12	21	23	19	20	13	22	16	11	2	1	-	-
5	5	18	16	11	8	20	9	17	16	24	26	15	11	5	2	1	-
6	11	10	8	4	1	6	6	5	7	10	5	7	3	1	1	-	-
5	7	9	7	6	4	6	7	2	10	8	11	9	9	5	1	-	-
2	4	8	5	6	6	4	7	4	14	6	5	5	4	2	-	-	-
4	4	5	4	7	4	3	6	3	9	3	6	9	4	2	1	-	-
29	43	51	39	47	56	40	46	40	56	47	35	37	13	16	4	2	-
26	32	32	39	39	32	34	36	42	45	62	54	42	40	20	6	1	-

Population in 1895.

95	134	125	126	126	135	100	132	147	201	222	198	186	147	80	28	8	8
74	131	114	113	112	100	118	116	154	179	209	231	207	166	130	50	12	4

Population in 1895.

75	188	140	130	176	164	174	195	205	246	325	371	409	295	182	53	9	30
93	126	133	125	111	125	122	149	179	242	285	348	379	302	202	86	28	4

CAUSES OF DEATH,

NOSOLOGICALLY ARRANGED,

1898.

Table IX. — Causes of

Distinguishing by Months, by Age, and by Sex, the Registered arranged), during

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
ALL CAUSES,	Totals,	46,761	-	-	-	-	-	-	-	-	-
	Males,	24,082	1,936	1,759	1,994	1,991	1,987	1,660	2,055	2,542	2,279
	Females,	22,679	1,913	1,694	1,934	1,842	1,783	1,505	1,825	2,478	2,161
Zymotic Diseases,	Totals,	6,562	-	-	-	-	-	-	-	-	-
	Males,	3,487	164	137	152	151	187	167	422	813	582
	Females,	3,075	149	131	154	151	156	138	388	764	456
I. 1. *Miasmatic*,	Totals,	6,119	-	-	-	-	-	-	-	-	-
	Males,	3,230	143	115	131	132	163	150	399	787	566
	Females,	2,889	134	113	134	139	138	122	375	748	439
Chicken-pox,	Totals,	3	-	-	-	-	-	-	-	-	-
	Males,	2	-	-	1	-	-	-	-	-	-
	Females,	1	-	-	-	-	-	-	1	-	-
Measles,	Totals,	82	-	-	-	-	-	-	-	-	-
	Males,	41	2	3	6	2	7	4	2	3	2
	Females,	41	4	3	3	2	10	4	4	1	-
Scarlatina,	Totals,	141	-	-	-	-	-	-	-	-	-
	Males,	66	5	9	4	7	9	1	4	3	4
	Females,	75	12	11	3	4	5	2	4	4	4
Diphtheria,	Totals,	548	-	-	-	-	-	-	-	-	-
	Males,	263	31	23	17	16	24	16	11	9	20
	Females,	285	31	17	20	27	20	15	19	17	17
Cerebro Sp. Meningitis,	Totals,	259	-	-	-	-	-	-	-	-	-
	Males,	157	11	10	20	22	21	19	10	11	12
	Females,	102	7	9	10	10	11	8	10	15	7
Quinsy,	Females,	3	-	-	-	-	-	-	-	1	-
—Parotitis,	Totals,	23	-	-	-	-	-	-	-	-	-
	Males,	13	3	1	1	1	-	3	3	-	-
	Females,	10	1	1	-	-	-	2	1	2	1
Croup,	Totals,	158	-	-	-	-	-	-	-	-	-
	Males,	85	11	8	7	3	6	2	4	2	4
	Females,	73	15	6	4	3	6	2	1	1	3
Whooping-cough,	Totals,	337	-	-	-	-	-	-	-	-	-
	Males,	147	8	7	4	16	12	17	15	21	18
	Females,	190	8	11	12	16	17	18	22	28	17
Typhoid Fever,	Totals,	663	-	-	-	-	-	-	-	-	-
	Males,	448	25	17	21	21	19	17	16	42	85
	Females,	215	10	9	11	21	13	10	7	20	39
Erysipelas,	Totals,	121	-	-	-	-	-	-	-	-	-
	Males,	55	7	5	6	5	7	4	6	3	1
	Females,	66	7	4	12	8	8	6	3	3	3
Puerperal Fever,	Females,	21	5	2	1	-	1	2	2	2	1

Death. — (*Nosological Arrangement.*)

Number of Deaths from Various Specified Causes (Nosologically the Year 1898.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,969	1,870	2,040	6,092	1,088	431	271	199	484	305	545	2,120	2,026	1,871	2,128	2,570	2,474	1,431	47
1,830	1,725	1,989	4,920	1,008	421	240	192	427	302	572	1,899	1,861	1,653	1,996	2,594	2,644	1,940	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
313	198	201	1,509	308	137	99	77	131	54	94	303	206	141	112	116	121	79	-
242	174	172	1,318	307	115	79	79	170	71	57	155	136	97	109	142	156	83	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
288	176	180	1,463	302	135	97	76	128	51	88	270	158	101	77	102	108	74	-
229	163	155	1,282	303	112	76	78	163	70	51	130	89	73	92	133	153	83	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2	7	15	14	5	2	2	1	-	-	-	1	1	-	-	-	-	-
1	7	2	9	19	3	2	2	1	-	-	2	2	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	6	6	3	4	21	13	10	10	1	3	1	-	-	-	-	-	-	-
8	11	7	9	9	6	8	7	26	6	1	2	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	35	32	23	40	36	38	38	56	14	5	6	2	3	2	-	-	-	-
28	37	37	19	43	38	33	39	69	24	5	2	5	3	4	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	10	9	30	16	11	10	3	18	11	9	20	16	6	4	3	-	-	-
5	6	4	24	14	8	3	5	15	8	2	9	2	6	5	-	1	-	-
-	2	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	2	2	2	1	1	1	-	1	1	-	-	1	-	-	1	-
-	2	-	-	-	-	-	4	1	-	-	1	-	-	-	3	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	14	15	14	16	22	10	12	11	-	-	-	-	-	-	-	-	-	-
10	13	9	6	15	22	13	8	8	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	8	10	106	27	6	2	3	3	-	-	-	-	-	-	-	-	-	-
15	8	18	121	40	10	7	4	8	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	48	49	2	-	1	4	1	11	15	56	196	100	46	14	6	1	1	-
36	27	12	1	3	2	1	1	17	17	29	64	36	16	17	5	3	2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	7	-	10	1	-	-	-	1	3	1	3	5	5	4	6	8	8	-
1	3	8	19	2	-	1	-	1	3	1	7	8	5	4	10	4	1	-
3	-	2	-	-	-	-	-	-	-	1	14	4	2	-	-	-	-	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
I. 1. *Miasmatic* — Con.											
Carbuncle,	Totals,	20	-	-	-	-	-	-	-	-	-
	Males,	12	1	1	1	1	2	1	3	-	-
	Females,	8	-	1	-	-	1	2	-	-	2
Influenza,	Totals,	231	-	-	-	-	-	-	-	-	-
	Males,	102	7	2	15	16	23	6	2	3	-
	Females,	129	9	14	27	19	17	4	1	3	2
Dysentery,	Totals,	293	-	-	-	-	-	-	-	-	-
	Males,	140	2	3	-	3	-	2	7	41	53
	Females,	153	5	2	2	3	2	2	12	46	46
Diarrhœa,	Totals,	454	-	-	-	-	-	-	-	-	-
	Males,	238	5	5	9	2	9	10	25	62	63
	Females,	216	5	9	10	7	5	9	21	56	53
Cholera Infantum,	Totals,	2,320	-	-	-	-	-	-	-	-	-
	Males,	1,243	4	7	2	3	10	32	270	558	268
	Females,	1,077	2	-	3	3	6	25	241	516	218
Cholera,	Totals,	73	-	-	-	-	-	-	-	-	-
	Males,	28	-	-	1	-	-	3	3	13	7
	Females,	45	3	1	1	-	2	-	8	20	8
Ague,	Totals,	94	-	-	-	-	-	-	-	-	-
	Males,	62	3	3	2	1	1	3	7	10	17
	Females,	32	-	-	1	2	-	2	2	1	8
Remittent Fever,	Totals,	10	-	-	-	-	-	-	-	-	-
	Males,	9	-	-	1	1	1	-	1	1	3
	Females,	1	-	-	-	-	-	-	-	-	1
Rheumatism,	Totals,	265	-	-	-	-	-	-	-	-	-
	Males,	119	18	11	13	12	12	10	10	5	9
	Females,	146	10	13	14	14	14	9	16	12	9
I. 2. *Enthetic*,	Totals,	226	-	-	-	-	-	-	-	-	-
	Males,	105	11	13	6	5	6	6	5	15	8
	Females,	121	7	11	14	7	16	10	7	11	13
Syphilis,	Totals,	54	-	-	-	-	-	-	-	-	-
	Males,	29	3	1	3	2	2	1	2	6	3
	Females,	25	1	2	4	2	3	4	2	2	-
Stricture of Urethra,	Males,	3	-	1	1	-	-	-	-	-	-
Hydrophobia,	Females,	2	-	-	-	-	-	-	-	1	-
Malignant Pustule,	Males,	1	-	1	-	-	-	-	-	-	-
Septicæmia,	Totals,	166	-	-	-	-	-	-	-	-	-
	Males,	72	8	10	2	3	4	5	3	9	5
	Females,	94	6	9	10	5	13	6	5	8	13
I. 3. *Dietic*,	Totals,	215	-	-	-	-	-	-	-	-	-
	Males,	151	10	9	15	14	18	11	18	10	8
	Females,	64	8	7	6	5	2	6	6	5	3
Purpura and Scurvy,	Totals,	54	-	-	-	-	-	-	-	-	-
	Males,	27	3	1	3	2	4	-	4	3	2
	Females,	27	2	3	2	2	1	5	3	2	2
Delirium Tremens,	Totals,	23	-	-	-	-	-	-	-	-	-
	Males,	21	1	1	1	3	2	1	2	3	2
	Females,	2	2	-	-	-	-	-	-	-	-
Intoxication,	Totals,	138	-	-	-	-	-	-	-	-	-
	Males,	103	6	7	11	9	12	10	12	4	4
	Females,	35	4	4	4	3	1	1	3	3	1

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	-	-	-	-	-	-	-	-	1	1	3	3	2	-	2	-
-	-	2	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	3	24	13	1	1	-	-	2	-	2	2	1	6	8	16	27	23	-
4	4	25	11	1	-	2	-	-	1	-	3	3	7	8	24	37	32	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	7	5	24	9	4	9	1	4	1	3	15	7	6	7	17	19	14	-
20	8	5	21	4	3	2	1	6	-	1	10	6	3	15	19	37	25	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	11	8	154	13	2	1	1	-	-	-	-	4	4	10	13	27	9	-
25	9	7	111	15	2	-	-	-	1	1	2	5	8	9	25	29	8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74	11	4	1,059	157	21	5	1	-	-	-	-	-	-	-	-	-	-	-
55	6	2	918	137	16	3	3	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	2	-	2	1	2	1	7	9	3	1	-
1	-	1	-	-	-	-	-	1	-	1	2	5	5	7	11	7	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	5	3	4	-	2	1	1	-	-	6	18	6	6	3	5	6	4	-
8	6	2	7	1	-	-	2	-	3	1	2	3	2	1	3	7	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	1	2	-	-	-	-	-	1	1	2	1	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	8	6	1	-	1	1	2	8	6	5	5	11	13	14	25	17	10	-
9	14	12	3	-	2	1	2	10	7	6	9	8	15	19	30	26	8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	9	13	30	1	1	1	1	3	1	4	6	11	15	9	9	9	4	-
6	4	15	22	3	1	2	1	5	-	5	19	34	13	9	4	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	1	19	1	1	-	-	-	-	-	-	3	4	-	-	1	-	-
1	1	3	16	1	-	-	-	1	-	-	2	2	2	1	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-
-	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6	11	11	-	-	1	1	3	1	4	5	7	9	9	9	8	4	-
5	3	11	6	2	1	1	1	4	-	5	17	31	11	8	4	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	13	8	15	5	1	1	-	-	2	2	27	37	25	26	5	4	1	-
7	7	2	13	1	2	1	-	2	1	1	6	13	11	8	5	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	2	15	5	1	1	-	-	2	-	1	-	-	-	-	1	1	-
4	1	-	13	1	2	1	-	2	1	1	2	1	-	1	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	1	-	-	-	-	-	-	-	1	5	6	6	3	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	10	5	-	-	-	-	-	-	-	1	21	31	19	23	5	3	-	-
3	6	2	-	-	-	-	-	-	-	-	3	11	11	7	3	-	-	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
I. 4. *Parasitic*,	Totals,	2	-	-	-	-	-	-	-	-	-
	Males,	1	-	-	-	-	-	-	-	1	-
	Females,	1	-	-	-	-	-	-	-	-	1
Thrush,	Totals,	2	-	-	-	-	-	-	-	-	-
	Males,	1	-	-	-	-	-	-	-	1	-
	Females,	1	-	-	-	-	-	-	-	-	1
Constitutional Diseases,	Totals,	9,411	-	-	-	-	-	-	-	-	-
	Males,	4,405	383	292	394	408	396	333	375	392	386
	Females,	5,006	417	382	448	397	364	412	410	472	480
II. 1. *Diathetic*,	Totals,	2,384	-	-	-	-	-	-	-	-	-
	Males,	804	67	52	66	85	73	63	56	73	67
	Females,	1,580	129	117	135	135	120	133	138	153	129
Dropsy,	Totals,	85	-	-	-	-	-	-	-	-	-
	Males,	43	4	2	2	3	3	4	4	4	8
	Females,	42	6	1	7	3	2	4	3	3	3
Anæmia,	Totals,	240	-	-	-	-	-	-	-	-	-
	Males,	55	8	3	10	7	4	8	4	9	8
	Females,	155	9	15	9	7	9	14	13	24	17
Cancer (part not stated),	Totals,	888	-	-	-	-	-	-	-	-	-
	Males,	299	23	24	25	35	30	24	15	21	21
	Females,	589	47	38	42	58	40	46	49	58	50
— Epithelioma,	Totals,	29	-	-	-	-	-	-	-	-	-
	Males,	19	3	3	-	3	1	-	4	-	3
	Females,	10	3	-	2	2	-	1	-	-	1
— Can. of Bowels,	Females,	2	-	-	-	-	-	-	-	-	1
— Can. of Breast,	Totals,	138	-	-	-	-	-	-	-	-	-
	Males,	1	-	-	-	-	-	-	-	-	-
	Females,	137	13	13	11	10	14	15	14	7	7
— Can. of Kidney,	Totals,	24	-	-	-	-	-	-	-	-	-
	Males,	14	-	2	-	2	1	2	1	2	1
	Females,	10	1	-	-	3	-	2	1	-	-
— Can. of Liver,	Totals,	220	-	-	-	-	-	-	-	-	-
	Males,	87	8	4	7	6	12	7	6	5	8
	Females,	133	9	8	13	9	13	9	16	16	11
— Can. of Stomach,	Totals,	379	-	-	-	-	-	-	-	-	-
	Males,	178	20	9	13	18	17	12	14	23	14
	Females,	201	14	19	17	11	18	12	19	20	20
— Can. of Uterus,	Females,	227	20	17	29	25	14	22	18	16	15
Canker (Noma),	Totals,	9	-	-	-	-	-	-	-	-	-
	Males,	6	-	-	-	-	-	-	2	1	1
	Females,	3	-	-	1	-	-	-	-	2	-
Mortification,	Totals,	143	-	-	-	-	-	-	-	-	-
	Males,	72	1	5	9	11	5	6	6	8	3
	Females,	71	7	6	4	7	10	8	5	7	4
II. 2. *Tubercular*,	Totals,	7,027	-	-	-	-	-	-	-	-	-
	Males,	3,601	316	240	328	323	323	270	319	319	319
	Females,	3,426	288	265	313	262	244	279	272	319	351
Scrofula,	Totals,	68	-	-	-	-	-	-	-	-	-
	Males,	34	2	4	3	3	-	6	2	3	6
	Females,	34	1	3	3	1	-	4	4	3	4
— Cellulitis,	Totals,	7	-	-	-	-	-	-	-	-	-
	Males,	4	1	-	-	2	-	-	1	-	-
	Females,	3	-	1	1	1	-	-	-	-	-

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
343	346	357	657	135	58	25	18	67	32	161	857	725	514	447	350	268	89	2
448	386	390	583	134	44	21	14	55	96	290	944	770	545	548	484	324	150	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	72	72	16	5	2	-	3	3	4	7	13	47	83	162	202	188	69	-
123	141	127	17	8	2	-	1	8	3	11	39	138	265	361	362	247	116	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4	2	2	1	-	-	-	-	-	1	1	2	5	7	9	10	5	-
3	5	2	-	1	-	-	-	1	-	2	1	1	4	9	8	8	7	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	11	7	11	3	2	-	1	1	2	-	3	8	7	19	16	11	1	-
9	18	11	14	5	1	-	-	4	1	7	16	16	23	27	19	14	8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	23	32	-	-	-	-	1	2	1	3	5	17	30	63	83	65	29	-
48	60	53	-	1	1	-	1	2	-	2	10	57	89	126	157	95	47	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	1	-	1	2	3	1	9	2	-
-	-	1	-	-	-	-	-	-	-	-	1	-	-	3	2	3	1	-
-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
11	7	15	-	-	-	-	-	-	-	-	3	9	27	41	27	22	8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	1	1	-	-	-	1	-	-	-	2	1	2	1	4	2	-	-
2	1	-	-	-	-	-	-	-	1	-	-	2	1	3	1	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	12	8	-	-	-	-	-	-	-	-	-	6	13	19	28	18	3	-
11	10	8	-	-	-	-	-	-	-	-	-	6	18	32	42	28	7	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	13	15	1	-	-	-	-	-	-	-	1	9	21	43	49	46	8	-
19	18	14	-	1	-	-	-	-	-	-	-	11	29	51	59	35	15	-
14	17	20	-	-	-	-	-	-	-	-	7	34	69	63	31	18	4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	1	-	-	-	-	-	1	-	-	2	1	1	-	-	-	-
-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6	6	-	1	-	-	-	-	-	2	1	1	2	6	11	27	21	-
6	5	2	2	-	-	-	-	-	-	-	1	2	4	6	16	22	18	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
285	274	285	641	130	56	25	15	64	28	154	844	678	431	285	148	80	20	2
325	245	263	566	126	42	21	13	47	93	279	905	632	280	187	122	77	34	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	2	9	1	-	1	1	3	-	1	2	1	4	3	7	1	-	-
5	3	3	5	2	2	-	1	1	1	2	1	3	4	6	4	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
II. 2. *Tubercular* — Con.											
— Lumbar Abscess,	Totals,	7	-	-	-	-	-	-	-	-	-
	Males,	3	1	1	-	-	-	-	-	-	-
	Females,	4	-	-	2	-	-	-	-	-	2
— Goitre,	Totals,	13	-	-	-	-	-	-	-	-	-
	Males,	2	-	-	-	-	-	-	-	-	-
	Females,	11	-	2	2	2	1	-	2	1	1
— Leprosy,	Male,	1	-	-	-	-	1	-	-	-	-
Tabes Mesenterica,	Totals,	1,165	-	-	-	-	-	-	-	-	-
	Males,	594	36	31	29	46	33	32	48	93	124
	Females,	571	30	34	36	34	34	36	41	89	101
Phthisis (Consumption of Lungs),	Totals,	5,288	-	-	-	-	-	-	-	-	-
	Males,	2,698	252	183	267	247	272	201	242	197	180
	Females,	2,590	244	207	244	204	189	226	200	205	229
Hydrocephalus,	Totals,	478	-	-	-	-	-	-	-	-	-
	Males,	265	24	21	29	25	17	31	26	26	9
	Females,	213	13	18	25	20	20	13	25	21	14
LOCAL DISEASES,	Totals,	23,241	-	-	-	-	-	-	-	-	-
	Males,	11,921	1,068	1,010	1,101	1,118	1,076	789	858	923	916
	Females,	11,320	1,063	945	1,044	1,022	999	709	759	927	933
III. 1. *Nervous System*,	Totals,	6,456	-	-	-	-	-	-	-	-	-
	Males,	3,360	284	286	309	292	302	262	268	262	278
	Females,	3,096	287	241	270	256	279	224	235	300	252
Cephalitis,	Totals,	1,439	-	-	-	-	-	-	-	-	-
	Males,	798	66	64	81	74	67	66	72	73	82
	Females,	641	38	42	60	66	51	41	54	98	63
Apoplexy,	Totals,	2,103	-	-	-	-	-	-	-	-	-
	Males,	1,035	97	83	85	96	100	78	73	58	76
	Females,	1,068	116	92	95	79	104	64	80	70	76
Paralysis,	Totals,	1,147	-	-	-	-	-	-	-	-	-
	Males,	548	48	48	46	42	46	42	39	48	39
	Females,	599	61	49	55	51	55	53	38	55	42
Insanity,	Totals,	249	-	-	-	-	-	-	-	-	-
	Males,	105	12	12	6	4	10	6	7	10	11
	Females,	144	17	11	8	6	7	17	12	13	13
Epilepsy,	Totals,	134	-	-	-	-	-	-	-	-	-
	Males,	77	6	6	8	4	13	5	7	7	6
	Females,	57	4	2	4	6	5	5	5	8	4
Tetanus,	Totals,	24	-	-	-	-	-	-	-	-	-
	Males,	20	3	-	1	1	1	1	8	-	1
	Females,	4	-	1	1	-	-	-	-	1	1
Convulsions,	Totals,	742	-	-	-	-	-	-	-	-	-
	Males,	423	27	35	42	44	39	31	43	34	26
	Females,	319	25	25	33	22	32	27	24	35	27
Brain Diseases,	Totals,	258	-	-	-	-	-	-	-	-	-
	Males,	152	13	17	21	5	9	16	10	14	19
	Females,	106	10	6	6	9	11	7	7	11	7
— Softening of Brain,	Totals,	115	-	-	-	-	-	-	-	-	-
	Males,	68	2	9	6	8	4	6	4	4	6
	Females,	47	3	7	2	8	3	3	2	4	5
— Locomo. Ataxia,	Totals,	179	-	-	-	-	-	-	-	-	-
	Males,	112	8	7	11	12	11	10	5	13	10
	Females,	67	7	3	6	7	5	3	10	4	9

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	1	2	1	3	2	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	42	25	454	45	10	3	2	8	3	6	11	9	4	7	6	15	11	-
68	43	25	422	51	8	1	-	1	4	6	14	9	9	7	8	16	15	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208	214	235	68	37	13	10	4	26	21	146	817	659	417	274	134	61	9	2
236	185	221	55	27	8	10	5	26	82	268	879	611	263	169	108	60	17	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	16	22	110	47	33	11	8	27	4	1	12	7	3	1	-	1	-	-
16	14	14	84	46	24	10	7	19	6	2	8	7	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
979	929	1,154	2,217	601	203	126	83	202	136	210	582	765	957	1,356	1,903	1,801	776	3
888	893	1,138	1,686	539	234	124	92	179	117	184	613	763	904	1,247	1,818	1,825	992	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260	266	291	689	206	69	48	25	70	32	45	115	159	246	344	517	531	264	-
244	230	278	488	164	81	41	33	62	23	27	95	117	203	304	543	573	340	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	48	39	346	128	45	29	13	48	16	20	38	28	25	16	20	16	10	-
42	31	55	252	111	50	33	22	46	14	10	21	20	13	18	18	12	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101	95	93	10	3	2	-	1	3	5	7	23	47	96	184	269	248	137	-
96	93	103	10	-	-	-	-	1	3	1	20	33	101	179	278	280	161	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	40	72	9	1	-	4	1	5	1	-	10	35	70	74	117	151	70	-
41	49	50	5	-	3	1	1	1	3	-	13	23	41	57	147	185	118	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	12	9	-	-	-	-	-	-	-	-	5	9	6	14	22	37	12	-
10	18	12	-	-	-	-	-	-	-	-	5	7	19	21	37	32	23	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	5	5	4	-	-	-	1	1	3	7	16	17	12	9	3	2	2	-
4	4	6	2	-	3	1	1	5	-	10	5	7	10	4	3	5	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	3	5	1	-	-	1	1	1	3	2	2	1	3	-	-	-	-
-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	38	37	305	66	20	11	3	10	4	2	-	1	-	-	-	1	-	-
24	21	24	202	48	23	6	8	6	2	1	14	8	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	13	9	8	7	2	4	4	2	2	4	16	16	20	21	25	13	8	-
10	7	15	14	5	2	-	1	3	-	3	12	7	8	6	21	14	10	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	6	10	1	-	-	-	-	-	-	1	-	-	3	7	20	30	6	-
7	-	3	-	-	-	-	-	-	-	-	1	1	1	3	13	16	12	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	8	11	1	-	-	-	1	-	-	-	3	3	10	13	35	28	18	-
4	3	6	1	-	-	-	-	-	-	-	-	5	3	8	16	24	10	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 1. *Nervous System* — Con.											
— Neuralgia,	Totals,	66	–	–	–	–	–	–	–	–	–
	Males,	22	2	5	2	2	2	1	–	1	2
	Females,	44	6	3	–	2	6	4	3	1	5
III. 2. *Organs of Circulation*,	Totals,	4,204	–	–	–	–	–	–	–	–	–
	Males,	2,143	196	158	179	224	207	140	160	152	140
	Females,	2,061	201	171	181	177	177	163	137	169	170
Pericarditis,	Totals,	318	–	–	–	–	–	–	–	–	–
	Males,	153	14	13	14	14	15	14	11	9	10
	Females,	165	11	17	13	18	18	11	17	14	9
Aneurism,	Totals,	52	–	–	–	–	–	–	–	–	–
	Males,	36	2	2	2	5	5	2	4	4	4
	Females,	16	1	1	4	2	1	–	–	1	2
Heart Diseases,	Totals,	3,618	–	–	–	–	–	–	–	–	–
	Males,	1,849	169	138	158	192	180	118	138	129	119
	Females,	1,769	172	141	158	152	150	142	114	148	149
— Angina Pectoris,	Totals,	136	–	–	–	–	–	–	–	–	–
	Males,	82	8	3	5	12	7	4	5	9	6
	Females,	54	10	6	4	1	3	5	2	2	4
— Embolism,	Totals,	80	–	–	–	–	–	–	–	–	–
	Males,	23	3	2	–	1	–	2	2	1	1
	Females,	57	7	6	2	4	5	5	4	4	6
III. 3 *Respiratory Organs*,	Totals,	6,341	–	–	–	–	–	–	–	–	–
	Males,	3,198	367	346	360	376	312	172	142	129	143
	Females,	3,143	353	325	375	368	305	131	122	103	143
Epistaxis,	Males,	3	1	–	–	1	1	–	–	–	–
Laryngitis,	Totals,	76	–	–	–	–	–	–	–	–	–
	Males,	43	5	5	1	3	3	3	6	2	3
	Females,	33	5	1	3	1	2	2	1	–	3
Bronchitis,	Totals,	1,486	–	–	–	–	–	–	–	–	–
	Males,	682	69	68	81	81	60	47	23	34	40
	Females,	804	73	81	91	102	80	35	36	26	51
Pleuritis,	Totals,	191	–	–	–	–	–	–	–	–	–
	Males,	94	11	12	7	15	8	6	3	9	7
	Females,	97	8	14	13	7	11	7	3	5	5
Pneumonia,	Totals,	4,206	–	–	–	–	–	–	–	–	–
	Males,	2,169	258	243	251	262	228	98	87	70	76
	Females,	2,037	249	219	247	241	195	79	74	59	74
Asthma,	Totals,	122	–	–	–	–	–	–	–	–	–
	Males,	68	9	7	3	3	4	7	11	2	4
	Females,	54	4	–	7	7	1	3	2	3	4
Lung Diseases,	Totals,	257	–	–	–	–	–	–	–	–	–
	Males,	139	14	11	17	11	8	11	12	12	13
	Females,	118	14	10	14	10	16	5	6	10	6
III. 4. *Digestive Organs*,	Totals,	3,425	–	–	–	–	–	–	–	–	–
	Males,	1,714	102	106	128	95	123	99	170	270	220
	Females,	1,711	109	108	105	97	127	96	172	252	242
Gastritis,	Totals,	291	–	–	–	–	–	–	–	–	–
	Males,	119	12	14	10	7	7	9	11	4	14
	Females,	172	16	11	13	10	17	13	14	13	23
Enteritis,	Totals,	1,232	–	–	–	–	–	–	–	–	–
	Males,	604	12	15	30	14	26	18	77	177	125
	Females,	628	21	17	13	17	21	23	78	181	146

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	3	-	-	-	-	-	-	-	1	2	1	3	3	6	5	1	-
6	4	4	-	-	-	-	-	-	-	2	4	6	7	7	9	5	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	183	214	105	3	3	5	3	20	26	40	78	131	175	320	530	518	185	1
139	190	186	78	10	7	6	3	19	23	35	117	144	203	272	427	497	220	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	8	14	1	-	1	-	1	2	3	5	11	20	16	22	37	27	7	-
8	14	15	1	-	1	1	1	8	4	8	18	16	15	26	28	32	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3	-	1	-	-	-	-	-	-	-	2	3	11	6	9	3	1	-
2	2	-	1	-	-	-	-	-	-	-	1	3	2	4	4	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159	160	189	103	2	2	4	2	17	23	33	63	100	136	275	456	464	168	1
123	165	155	74	10	6	5	2	11	19	27	89	109	176	224	369	443	205	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	10	7	-	1	-	1	-	1	-	-	1	7	11	12	21	21	6	-
4	5	8	-	-	-	-	-	-	-	-	2	5	4	7	19	11	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	2	4	-	-	-	-	-	-	-	2	1	1	1	5	7	3	3	-
2	4	8	2	-	-	-	-	-	-	-	7	11	6	11	7	10	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
212	247	392	774	302	98	61	33	56	21	48	163	252	255	299	362	308	164	2
230	268	420	610	256	114	56	43	56	28	56	158	193	190	280	395	410	298	-
-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	7	10	4	1	2	2	2	-	1	5	4	2	6	2	2	-	-
3	4	8	7	3	4	1	2	3	-	-	3	4	1	2	1	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	56	74	292	65	19	9	4	9	-	6	5	17	19	39	73	74	50	1
65	64	100	232	69	27	10	8	7	3	5	14	12	33	53	94	128	109	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	5	8	4	1	1	-	-	2	-	5	19	12	17	17	6	8	2	-
4	9	11	9	3	1	4	2	4	2	4	11	15	9	7	13	10	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	170	282	452	230	76	50	24	38	18	33	114	197	193	207	237	198	101	1
143	174	283	349	181	81	39	31	40	19	42	119	144	137	199	249	238	169	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	2	8	4	-	1	-	1	3	-	-	4	6	4	10	18	14	3	-
6	9	8	2	-	-	1	-	-	-	1	2	2	3	8	15	15	5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	11	13	10	2	-	-	2	2	3	3	16	16	20	20	26	12	7	-
9	8	10	11	-	1	1	-	2	4	4	9	16	7	11	23	17	12	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
182	102	117	606	83	23	10	16	33	38	49	114	109	125	163	161	142	42	-
169	104	130	484	99	28	11	10	28	32	37	110	142	132	158	200	165	75	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	10	9	24	3	2	2	-	3	1	2	6	5	11	13	15	24	8	-
14	10	18	20	5	3	-	1	1	3	4	9	12	18	24	30	28	14	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69	21	20	433	64	12	3	9	8	2	1	8	4	9	9	18	19	5	-
71	22	18	390	86	16	5	3	7	-	2	6	8	12	18	26	31	18	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 4. *Digestive Organs* — Con.											
Peritonitis,	Totals,	556	-	-	-	-	-	-	-	-	-
	Males,	234	17	16	20	19	15	14	26	25	17
	Females,	322	26	24	35	18	26	28	35	21	27
Appendicitis,	Totals,	197	-	-	-	-	-	-	-	-	-
	Males,	133	10	12	11	8	16	13	13	13	8
	Females,	64	3	14	4	3	4	1	12	5	3
Ascites,	Totals,	21	-	-	-	-	-	-	-	-	-
	Males,	11	1	1	1	-	1	1	1	2	-
	Females,	10	2	-	1	1	-	-	-	1	1
Ulceration of Intestines,	Totals,	42	-	-	-	-	-	-	-	-	-
	Males,	26	1	7	2	1	3	2	-	4	-
	Females,	16	-	3	2	1	3	1	-	2	-
Hernia,	Totals,	69	-	-	-	-	-	-	-	-	-
	Males,	39	4	3	5	5	2	2	2	5	3
	Females,	30	1	-	4	6	3	1	1	2	3
Ileus,	Totals,	204	-	-	-	-	-	-	-	-	-
	Males,	113	7	5	13	8	7	9	9	9	10
	Females,	91	10	7	6	8	8	5	4	9	11
Intussusception,	Totals,	24	-	-	-	-	-	-	-	-	-
	Males,	12	1	2	3	2	-	-	1	1	1
	Females,	12	2	-	-	1	3	-	2	-	1
Strict. of Bowels,	Totals,	10	-	-	-	-	-	-	-	-	-
	Males,	5	-	-	-	-	-	-	-	-	1
	Females,	5	1	1	1	-	-	-	-	-	1
— Strict. of Œsophagus,	Totals,	2	-	-	-	-	-	-	-	-	-
	Male,	1	-	-	-	-	1	-	-	-	-
	Female,	1	-	-	1	-	-	-	-	-	-
Fistula,	Totals,	7	-	-	-	-	-	-	-	-	-
	Males,	3	1	-	-	1	-	-	-	-	-
	Females,	4	1	-	-	-	-	-	-	-	1
Stomach Disease,	Totals,	111	-	-	-	-	-	-	-	-	-
	Males,	57	5	2	5	2	6	3	5	4	8
	Females,	54	5	6	4	2	5	3	-	4	3
— Bowel Disease,	Totals,	73	-	-	-	-	-	-	-	-	-
	Males,	44	7	3	2	6	1	3	4	4	5
	Females,	29	2	1	-	3	4	3	2	4	2
— Dyspepsia,	Totals,	12	-	-	-	-	-	-	-	-	-
	Males,	5	-	1	-	2	-	-	-	1	-
	Females,	7	2	-	-	-	1	-	1	-	-
Pancreas Disease,	Male,	1	-	-	-	-	-	-	-	-	1
Hepatitis,	Totals,	102	-	-	-	-	-	-	-	-	-
	Males,	44	3	1	3	3	9	2	4	4	3
	Females,	58	5	2	7	4	10	5	7	2	2
Jaundice,	Totals,	98	-	-	-	-	-	-	-	-	-
	Males,	46	2	5	9	4	1	7	2	4	3
	Females,	52	3	4	4	5	6	2	1	1	8
Liver Disease,	Totals,	373	-	-	-	-	-	-	-	-	-
	Males,	217	19	19	14	13	28	16	15	13	21
	Females,	156	9	18	10	18	16	11	15	7	10
III. 5. *Urinary Organs*,	Totals,	2,537	-	-	-	-	-	-	-	-	-
	Males,	1,421	110	104	119	125	127	108	111	103	127
	Females,	1,116	99	89	92	109	91	85	76	79	110

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	.	-	-	-	-	-	-
28	15	22	33	2	1	3	4	11	17	20	33	30	27	19	18	10	6	-
28	29	25	14	4	3	-	3	14	17	16	65	74	34	23	30	20	5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	6	9	1	-	1	-	-	6	15	21	38	19	12	10	4	5	1	-
7	2	6	1	-	-	-	3	4	9	10	9	8	9	5	4	1	1	.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	1	1	-	-	-	-	-	-	1	3	2	-	-	1	2	1	-
1	-	3	-	-	-	-	-	-	-	-	-	2	2	4	-	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	3	-	-	-	-	-	-	-	1	3	2	4	4	5	7	-	-
1	1	2	-	-	-	1	-	-	-	1	2	-	2	1	7	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	5	1	5	1	-	-	-	-	-	-	2	3	5	5	6	7	5	-
1	3	5	-	-	-	-	-	.	-	-	-	-	5	8	8	7	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	9	11	27	1	4	-	1	-	1	2	7	9	6	18	21	13	3	-
9	2	12	9	2	4	2	-	1	2	2	2	6	12	12	17	14	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	8	-	1	1	-	-	-	1	-	-	-	-	-	1	-	-
-	-	3	6	1	-	1	-	1	-	-	-	-	-	-	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	2	-	-	-	-	-	-	-	-	1	1	1	1	1	-	-	-
1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	-
-	2	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	6	8	17	5	1	-	1	3	-	-	1	2	4	6	7	7	3	-
9	7	6	10	-	-	1	-	-	-	1	4	4	5	8	11	6	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3	3	27	4	-	-	-	1	1	-	-	1	-	2	2	5	1	-
3	1	4	17	-	2	-	-	-	-	-	1	-	1	2	2	2	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	3	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	5	3	1	-	-	-	-	-	1	-	2	3	4	16	8	7	2	-
6	5	3	3	1	-	-	-	-	-	1	1	6	4	15	14	10	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	6	22	3	1	-	-	-	-	-	-	3	1	4	5	6	1	-
7	4	7	13	-	-	1	-	-	-	-	2	4	6	4	7	9	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	20	17	4	-	-	1	1	-	-	-	10	24	40	55	49	27	6	-
11	14	17	-	-	-	-	-	-	1	-	6	16	22	33	36	32	10	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	125	134	28	5	8	1	5	14	13	23	106	106	150	225	323	295	119	-
88	89	109	10	8	2	8	3	12	10	23	107	124	146	213	225	170	54	1

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 5. *Urinary Organs* — Con.											
Nephritis (Bright's Disease, etc.),	Totals,	1,682	–	–	–	–	–	–	–	–	–
	Males,	893	74	59	82	77	88	68	72	67	70
	Females,	789	71	65	67	84	63	62	51	45	72
Ischuria,	Males,	2	1	1	–	–	–	–	–	–	–
Diabetes,	Totals,	271	–	–	–	–	–	–	–	–	–
	Males,	132	6	14	9	14	6	7	8	11	13
	Females,	139	13	11	8	9	13	10	9	16	16
Gravel,	Totals,	6	–	–	–	–	–	–	–	–	–
	Males,	4	1	–	–	2	–	–	1	–	–
	Females,	2	–	–	–	–	–	–	2	–	–
Cystitis,	Totals,	138	–	–	–	–	–	–	–	–	–
	Males,	122	7	9	8	14	7	9	7	8	16
	Females,	16	3	1	1	1	–	2	1	2	2
Kidney Disease,	Totals,	369	–	–	–	–	–	–	–	–	–
	Males,	199	19	15	14	12	19	17	19	14	22
	Females,	170	12	12	16	15	15	11	13	16	20
— Disease of Prostate,	Males,	69	2	6	6	6	7	7	4	3	6
III. 6. *Generative Organs*,	Females,	106	10	3	13	11	8	8	8	15	4
Ovarian Dropsy,	Females,	100	9	3	12	11	7	8	7	15	4
Uterus Disease,	Females,	4	1	–	–	–	1	–	1	–	–
— Metritis,	Females,	2	–	–	1	–	–	–	–	–	–
III. 7. *Organs of Locomotion*,	Totals,	94	–	–	–	–	–	–	–	–	–
	Males,	52	6	6	3	3	4	3	4	5	6
	Females,	42	2	5	4	–	6	1	5	4	7
Arthritis,	Totals,	11	–	–	–	–	–	–	–	–	–
	Males,	6	1	1	–	–	1	–	1	–	1
	Females,	5	1	1	–	–	1	–	–	–	1
Joint Disease,	Totals,	2	–	–	–	–	–	–	–	–	–
	Males,	1	–	1	–	–	–	–	–	–	–
	Females,	1	1	–	–	–	–	–	–	–	–
— Hip Disease,	Totals,	14	–	–	–	–	–	–	–	–	–
	Males,	11	1	4	–	–	–	2	1	–	1
	Females,	3	–	1	–	–	–	–	–	–	1
— Necrosis,	Totals,	57	–	–	–	–	–	–	–	–	–
	Males,	25	4	–	1	–	2	–	2	5	4
	Females,	32	–	2	4	–	5	1	5	4	5
— Spine Disease,	Totals,	10	–	–	–	–	–	–	–	–	–
	Males,	9	–	–	2	3	1	1	–	–	–
	Females,	1	–	1	–	–	–	–	–	–	–
III 8. *Integumentary System*,	Totals,	78	–	–	–	–	–	–	–	–	–
	Males,	33	3	4	3	3	1	5	3	2	2
	Females,	45	2	3	4	4	6	1	4	5	5
Phlegmon (Abscess),	Totals,	52	–	–	–	–	–	–	–	–	
	Males,	20	1	2	2	2	1	3	3	1	1
	Females,	32	2	1	2	4	4	1	4	2	3
Ulcer,	Females,	4	–	1	2	–	1	–	–	–	–
Skin Disease,	Totals,	22	–	–	–	–	–	–	–	–	–
	Males,	13	2	2	1	1	–	2	–	1	1
	Females,	9	–	1	–	–	1	–	–	3	2

Nosological Arrangement.

MONTHS.			AGES.																
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	77	78	19	4	5	1	5	8	8	13	81	72	111	160	209	147	50	-
63	67	79	7	5	2	4	1	9	8	14	65	82	116	152	156	127	40	1
-	-	-	-	-	-	-	-	-	-	-	-	.	-	-	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	9	21	1	-	1	-	-	3	3	7	8	16	14	23	29	23	4	-
10	10	14	-	2	-	1	-	3	1	6	13	12	10	27	43	16	5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	11	15	-	-	1	-	-	-	-	-	3	-	6	7	26	54	25	-
-	2	1	-	-	-	-	-	-	-	-	1	-	1	5	-	5	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	17	18	8	1	1	-	-	3	2	3	14	18	19	25	42	46	17	-
15	10	15	3	1	-	3	2	-	1	2	28	29	19	29	26	22	5	-
9	11	2	-	-	-	-	-	-	-	-	-	-	-	7	15	24	23	-
8	9	9	-	-	-	-	-	-	-	3	18	33	23	12	13	2	2	-
6	9	9	-	-	-	-	-	-	-	2	17	31	22	11	13	2	2	-
1	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	5	4	3	1	2	1	1	8	5	4	6	4	4	3	4	4	2	-
5	-	3	2	-	1	-	-	2	1	2	5	4	5	7	6	5	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	1	-	-	-	-	-	-	-	1	1	1	2	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	1	-	-	-	-	3	1	1	2	2	-	-	1	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3	1	1	1	-	1	-	2	4	3	2	2	2	2	1	2	2	-
4	-	2	2	-	1	-	-	2	1	2	5	3	2	6	4	2	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	1	-	1	-	1	3	-	-	2	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	1	2	12	1	-	-	-	1	1	1	-	4	2	2	6	3	-	-
5	3	3	14	2	1	2	-	-	-	1	3	6	2	1	9	3	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	2	5	-	-	-	-	1	-	1	-	4	2	1	5	1	-	-
5	2	2	9	2	-	2	-	-	-	1	3	5	2	-	7	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	7	1	-	-	-	-	1	-	-	-	-	1	1	2	-	-
-	1	1	5	-	1	-	-	-	-	-	-	1	-	1	-	1	-	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.
Developmental Diseases,	Totals,	4,802	-	-	-	-	-	-	-	-	-
	Males,	2,312	194	194	207	179	186	176	188	217	215
	Females,	2,490	216	189	220	201	199	183	194	236	232
IV. 1. *Developmental Diseases of Children,*	Totals,	1,633	-	-	-	-	-	-	-	-	-
	Males,	951	93	88	75	80	78	83	79	88	88
	Females,	682	55	51	69	56	57	50	59	67	64
Premature,	Totals,	1,189	-	-	-	-	-	-	-	-	-
	Males,	711	72	72	56	54	63	65	61	68	70
	Females,	478	37	36	47	40	39	37	39	51	42
—Infantile,	Totals,	192	-	-	-	-	-	-	-	-	-
	Males,	109	9	8	8	14	6	7	3	9	7
	Females,	83	9	6	12	11	7	1	8	1	9
Cyanosis,	Totals,	78	-	-	-	-	-	-	-	-	-
	Males,	49	3	2	3	5	4	6	7	6	6
	Females,	29	1	3	4	4	2	2	2	2	2
Spina Bifida,	Totals,	50	-	-	-	-	-	-	-	-	-
	Males,	19	1	2	2	-	3	1	2	1	3
	Females,	31	4	-	-	-	4	5	4	4	4
Other Malformations,	Totals,	71	-	-	-	-	-	-	-	-	-
	Males,	40	5	3	4	5	2	3	3	2	-
	Females,	31	4	4	2	1	1	3	3	2	3
Teething,	Totals,	53	-	-	-	-	-	-	-	-	-
	Males,	23	3	1	2	2	-	1	3	2	2
	Females,	30	-	2	4	-	4	2	3	7	4
IV. 2. *Developmental Diseases of Adults,*	Females,	240	23	23	20	21	25	23	11	18	19
Paramenia,	Females,	1	-	-	-	-	-	-	-	1	-
Childbirth,	Females,	187	19	19	11	16	20	21	10	12	18
—Abortion,	Females,	10	-	-	2	2	2	-	-	2	-
—Miscarriage,	Females,	9	2	1	-	-	-	1	1	-	1
—Puerp. Convulsions,	Females,	33	2	3	7	3	3	1	-	3	-
IV. 3. *Developmental Diseases of Old People,*	Totals,	1,669	-	-	-	-	-	-	-	-	-
	Males,	679	56	60	65	48	60	53	53	53	50
	Females,	990	97	78	82	83	79	67	82	89	78
IV 4. *Developmental Diseases of Nutrition,*	Totals,	1,260	-	-	-	-	-	-	-	-	-
	Males,	682	45	46	67	51	48	40	56	76	77
	Females,	578	41	37	49	41	38	43	42	62	71
Violent Deaths,	Totals,	2,399	-	-	-	-	-	-	-	-	-
	Males,	1,807	113	112	125	130	127	186	190	182	169
	Females,	592	46	37	50	54	52	52	59	58	49
V. 1. *Accident or Negligence,*	Totals,	2,063	-	-	-	-	-	-	-	-	-
	Males,	1,538	90	96	100	107	100	164	171	157	151
	Females,	525	40	34	43	49	46	45	52	49	46
Fractures,	Totals,	196	-	-	-	-	-	-	-	-	-
	Males,	141	3	5	11	10	9	15	19	8	21
	Females,	55	10	4	8	4	4	5	4	2	4
—R.R. Accidents,	Totals,	258	-	-	-	-	-	-	-	-	-
	Males,	237	16	20	15	26	14	26	18	28	22
	Females,	21	-	5	3	1	1	-	-	9	-
—Electric R.R. Accidents,	Males,	11	1	-	-	-	2	3	-	1	1

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188	184	184	1,566	14	8	2	1	2	1	-	1	4	6	9	58	201	438	1
203	194	223	1,180	15	5	4	1	1	-	12	104	115	23	15	75	278	662	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65	67	67	942	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-
54	42	58	670	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	43	44	711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	26	42	478	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
13	11	14	108	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	8	7	82	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3	4	48	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
2	2	3	28	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	4	1	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	6	3	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1	4	30	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	2	16	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	1	21	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	17	22	-	-	-	-	-	-	-	10	99	112	18	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
13	11	17	-	-	-	-	-	-	-	5	72	93	17	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	2	7	1	-	-	-	-	-	-
-	2	1	-	-	-	-	-	-	-	-	4	5	-	-	-	-	-	-
3	4	4	-	-	-	-	-	-	-	3	15	13	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	57	65	-	-	-	-	-	-	-	-	-	-	-	-	39	201	438	1
71	82	102	-	-	-	-	-	-	-	-	-	-	-	-	50	278	662	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	60	52	624	8	6	2	-	2	1	-	1	4	6	9	19	-	-	-
60	53	41	510	5	3	4	1	1	-	2	5	3	5	14	25	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	201	131	89	24	23	19	19	78	80	80	372	312	242	179	130	74	46	40
34	60	41	83	10	20	11	6	21	17	26	77	61	71	47	48	43	51	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	183	104	87	24	23	19	19	78	80	71	325	258	195	126	97	60	38	38
30	56	35	78	10	20	11	6	20	16	20	64	52	57	38	44	40	49	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	13	10	-	1	-	-	1	6	8	10	23	27	26	8	15	4	10	2
3	4	3	3	1	1	-	-	1	-	1	-	3	2	-	2	17	24	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	12	22	2	-	1	1	-	9	8	8	70	45	36	20	16	12	3	6
-	2	-	-	-	-	-	-	1	1	2	4	3	1	4	4	1	-	-
1	1	1	-	-	-	-	1	-	-	-	5	1	2	2	-	-	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
V. 1. *Accident or Negligence* - Con.											
Casualty,	Totals,	408	-	-	-	-	-	-	-	-	-
	Males,	335	18	18	22	24	37	37	35	37	33
	Females,	73	4	4	8	6	6	6	7	9	8
Burns and Scalds,	Totals,	217	-	-	-	-	-	-	-	-	-
	Males,	85	8	3	6	9	3	9	14	5	2
	Females,	132	13	7	5	19	17	16	13	7	11
Poison,	Totals,	89	-	-	-	-	-	-	-	-	-
	Males,	48	4	-	4	3	4	5	4	3	3
	Females,	41	1	3	1	3	5	4	1	5	4
Drowning,	Totals,	390	-	-	-	-	-	-	-	-	-
	Males,	353	9	23	12	18	17	54	55	49	36
	Females,	37	1	1	1	1	1	3	7	5	5
— Lost at Sea,	Totals,	108	-	-	-	-	-	-	-	-	-
	Males,	99	10	5	-	1	2	2	4	1	17
	Females,	9	-	-	-	-	-	-	-	-	-
Suffocation,	Totals,	175	-	-	-	-	-	-	-	-	-
	Males,	112	8	13	18	6	7	7	10	10	6
	Females,	63	6	4	8	7	5	4	6	2	6
— Strangulation,	Totals,	13	-	-	-	-	-	-	-	-	-
	Males,	4	1	-	1	1	-	-	-	-	1
	Females,	9	-	1	1	2	1	1	1	-	-
— Illuminating Gas,	Totals,	55	-	-	-	-	-	-	-	-	-
	Males,	43	9	3	7	3	1	1	2	3	1
	Females,	12	1	1	2	1	1	2	-	-	2
Otherwise, —											
— Electric Shock,	Males,	7	-	-	1	1	-	2	2	-	-
— Amputation,	Males,	3	-	-	1	-	-	1	-	-	-
— Exposure,	Totals,	18	-	-	-	-	-	-	-	-	-
	Males,	13	1	3	1	2	-	-	-	1	-
	Females,	5	-	-	-	-	-	-	-	-	-
— Heat,	Totals,	32	-	-	-	-	-	-	-	-	-
	Males,	19	-	-	-	-	-	-	6	7	3
	Females,	13	-	-	-	-	-	-	7	4	2
— Lightning,	Totals,	8	-	-	-	-	-	-	-	-	-
	Males,	6	-	-	-	-	-	-	2	3	1
	Females,	2	-	-	-	-	-	-	-	2	-
— Starvation,	Males,	3	-	-	-	1	1	1	-	-	-
— Surgical Operation,	Totals,	72	-	-	-	-	-	-	-	-	-
	Males,	19	2	3	1	2	3	1	-	1	4
	Females,	53	4	4	6	5	5	4	6	4	4
V. 2. *Infanticide*,	Totals,	7	-	-	-	-	-	-	-	-	-
	Males,	2	1	-	-	-	-	1	-	-	-
	Females,	5	-	1	-	-	1	-	-	1	-
V. 3. *Homicide*,	Totals,	33	-	-	-	-	-	-	-	-	-
	Males,	24	4	1	3	1	2	1	-	3	1
	Females,	9	3	-	1	1	-	2	1	-	-
V. 4. *Suicide*,	Totals,	271	-	-	-	-	-	-	-	-	-
	Males,	224	17	15	19	21	25	18	13	22	17
	Females,	47	3	2	4	3	5	5	5	8	2
— Illuminating Gas,	Totals,	17	-	-	-	-	-	-	-	-	-
	Males,	11	-	-	2	1	-	2	3	-	-
	Females,	6	-	-	2	1	-	-	1	-	1

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	22	22	3	5	5	3	4	11	21	19	63	57	46	24	37	18	18	1
4	7	4	2	-	4	2	-	3	4	3	5	4	5	3	9	11	18	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	12	7	2	7	11	10	8	5	-	-	9	10	8	7	2	3	2	1
6	9	9	4	6	9	8	3	6	5	6	20	17	19	11	8	6	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	5	4	3	3	3	-	1	3	-	-	4	11	8	6	2	3	1	-
4	8	2	4	2	5	-	-	1	-	1	8	6	7	3	3	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	45	21	2	4	3	4	3	40	40	32	74	49	30	26	13	6	1	26
2	7	3	-	-	-	-	2	4	5	3	6	3	3	5	5	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	52	3	-	-	-	-	-	-	-	-	41	21	14	17	3	1	-	2
-	9	-	-	-	-	-	-	-	-	1	3	1	1	1	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	9	8	65	4	-	1	1	3	-	-	12	9	6	4	5	2	-	-
4	7	4	49	-	1	1	1	-	-	-	1	3	2	1	3	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	8	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	6	3	-	-	-	-	-	1	1	-	13	12	8	2	2	3	1	-
2	-	-	-	1	-	-	-	1	-	3	3	1	1	-	1	-	1	-
-	-	1	-	-	-	-	-	-	1	1	3	1	-	1	-	-	-	-
-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	5	-	1	-	-	-	-	-	-	-	2	3	3	2	1	-	1	-
1	-	4	1	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	1	3	-	-	-	-	-	-	-	3	3	2	4	1	3	-	-
-	-	-	6	-	-	-	-	1	-	-	2	1	-	-	1	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	2	3	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	1	-	-	-	-	-	-	1	1	4	5	3	-	4	-	-
3	3	5	1	-	-	-	-	2	-	-	11	10	16	10	2	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	3	-	-	-	-	-	-	-	2	8	3	6	2	2	-	-	1
-	-	1	-	-	-	-	-	1	1	1	2	1	1	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	14	22	-	-	-	-	-	-	-	6	33	48	36	49	29	14	8	1
4	2	4	-	-	-	-	-	-	-	5	10	6	11	8	3	2	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2	-	-	-	-	-	-	-	-	-	3	-	4	2	2	-	-	-
-	1	-	-	-	-	-	-	-	-	-	1	2	2	-	-	1	-	-

TABLE IX. — Concluded.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
V. 5. *Battle*,	Males,	4	-	-	-	-	-	-	3	-	-
V. 6. *Execution*,	Males,	4	1	-	1	-	-	-	-	-	-
CAUSE NOT SPECIFIED,	Totals,	346	-	-	-	-	-	-	-	-	-
	Males,	150	14	14	15	5	15	9	22	15	11
	Females,	196	22	10	18	17	13	11	15	21	11
Hemorrhage,	Totals,	76	-	-	-	-	-	-	-	-	-
	Males,	35	4	4	6	-	2	1	5	6	2
	Females,	41	6	4	6	3	7	1	2	2	-
Tumor,	Totals,	80	-	-	-	-	-	-	-	-	-
	Males,	21	2	3	2	-	4	2	1	3	1
	Females,	59	6	1	4	8	1	5	2	7	5
Unknown,	Totals,	190	-	-	-	-	-	-	-	-	-
	Males,	94	8	7	7	5	9	6	16	6	8
	Females,	96	10	5	8	6	5	5	11	12	6

Nosological Arrangement.

MONTHS.			AGES.															
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	1	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-
1	-	1	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	12	13	54	6	2	-	1	4	2	-	5	14	11	25	13	9	3	1
15	18	25	70	3	3	1	-	1	1	3	6	16	13	30	27	18	2	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2	3	16	-	-	-	-	3	-	-	2	1	2	5	4	2	-	-
1	3	6	21	-	-	-	-	-	1	2	2	7	2	1	3	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	2	-	-	-	-	-	-	-	-	1	3	-	4	5	5	3	-
8	4	8	1	-	2	-	-	-	-	-	1	4	5	15	14	15	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	9	8	38	6	2	-	1	1	2	-	2	10	9	16	4	2	-	1
6	11	11	48	3	1	1	-	1	-	1	3	5	6	14	10	1	-	2

Table X. — Causes of

Exhibiting the Number of Deaths in Each County, from

Causes of Death.	State.	Barnstable.	Berkshire.	Bristol.
All Causes,	46,761	584	1,393	4,409
(CLASSES.)				
I. — Zymotic Diseases,	6,562	44	211	601
II. — Constitutional Diseases,	9,411	87	246	843
III. — Local Diseases,	23,241	303	734	2,204
IV. — Developmental Diseases,	4,802	63	109	584
V. — Violent Deaths,	2,399	82	77	153
Causes Unknown,	346	5	16	24
(ORDERS.)				
I. — 1. *Miasmatic Diseases,*	6,119	41	191	563
2. *Enthetic Diseases,*	226	3	7	19
3 *Dietic Diseases.*	215	–	13	19
4. *Parasitic Diseases,*	2	–	–	–
II. — 1. *Diathetic Diseases,*	2,384	37	92	202
2. *Tubercular Diseases,*	7,027	50	154	641
III. — 1. *Diseases of Nervous System,*	6,456	97	212	713
2. *Diseases of Organs of Circulation,*	4,204	85	141	317
3. *Diseases of Respiratory Organs,*	6,341	49	196	537
4. *Diseases of Digestive Organs,*	3,425	33	105	380
5. *Diseases of Urinary Organs,*	2,537	37	75	234
6. *Diseases of Generative Organs,*	106	–	1	9
7. *Diseases of Organs of Locomotion,*	94	2	2	7
8. *Diseases of Integumentary System,*	78	–	2	7
IV. — 1. *Dev. Diseases of Children,*	1,633	6	34	174
2. *Dev. Diseases of Adults,*	240	3	3	15
3. *Dev. Diseases of Old People,*	1,669	47	47	145
4. *Diseases of Nutrition,*	1,260	7	25	250
V. — 1. *Accident or Negligence,*	2,063	81	70	138
2. *Infanticide,*	7	–	–	1
3. *Homicide,*	33	–	1	2
4. *Suicide,*	288	1	6	12
5. *Battle,*	4	–	–	–
6. *Execution,*	4	–	–	–
*Causes unknown or ill-defined,**	346	5	16	24

* Including 76 deaths from "Hemorrhage," 80 from "Tumor," and 190 deaths of which the cause was not stated in Returns.

DEATH. — (*Nosological Arrangement.**)

Specified Causes (statistically classified), during the Year 1898.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
83	5,793	662	2,954	878	8,993	58	2,190	1,633	11,713	5,418
7	865	84	516	127	1,249	–	265	166	1,607	820
10	1,122	107	553	157	1,882	8	421	329	2,677	969
38	2,818	343	1,422	454	4,541	35	1,156	810	5,750	2,633
11	583	78	318	105	889	9	206	201	956	690
14	342	41	137	30	376	6	117	105	649	270
3	63	9	8	5	56	–	25	22	74	36
6	809	80	489	123	1,167	–	250	154	1,469	777
1	27	3	15	2	53	–	9	7	56	24
–	29	1	11	2	29	–	6	5	81	19
–	–	–	1	–	–	–	–	–	1	–
4	316	35	138	55	473	3	126	100	553	250
6	806	72	415	102	1,409	5	295	229	2,124	719
11	808	115	398	152	1,261	11	373	274	1,232	799
17	575	67	190	89	839	13	215	176	1,007	473
2	682	83	359	109	1,269	6	292	154	1,885	718
4	396	44	273	54	612	2	140	100	963	319
4	329	29	185	41	517	2	123	95	573	293
–	14	–	8	1	12	–	3	3	45	10
–	5	3	6	6	14	1	5	7	25	11
–	9	2	3	2	17	–	5	1	20	10
–	200	12	124	25	324	1	61	68	407	197
–	25	5	24	8	29	–	10	7	82	29
11	198	46	81	50	301	8	104	101	237	293
–	160	15	89	22	235	–	31	25	230	171
14	305	30	118	25	320	5	104	82	546	225
–	–	–	1	–	–	–	1	–	2	2
–	4	1	1	–	2	–	2	2	12	6
–	32	8	16	3	53	1	10	21	89	36
–	–	1	–	2	–	–	–	–	–	1
–	1	1	1	–	1	–	–	–	–	–
3	63	9	8	5	56	–	25	22	74	36

* See "Statistical Nosology."

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
I. — 1. *Miasmatic.*				
Totals,	6,119	41	191	563
Small-pox,	–	–	–	–
Chicken-pox,	3	–	–	–
Measles,	82	–	1	2
Scarlatina,	141	2	3	13
Diphtheria,	548	2	8	29
Cerebro-spinal Meningitis,	259	1	15	14
Quinsy,	26	–	2	2
Croup,	158	1	8	14
Whooping-cough,	337	1	6	16
Typhoid Fever,*	663	3	35	55
Erysipelas,	121	–	6	11
Metria (Puerperal Fever),	21	–	–	2
Carbuncle,	20	–	1	2
Influenza,	231	4	12	17
Dysentery,	293	7	4	23
Diarrhœa,	454	2	18	41
Cholera Infantum,	2,320	14	47	290
Cholera,	73	1	3	8
Ague,	94	1	3	6
Remittent Fever,	10	–	–	2
Rheumatism,	265	2	19	16
I. — 2. *Enthetic.*				
Totals,	226	3	7	19
Syphilis,	54	–	1	2
Stricture of Urethra,	3	–	–	–
Hydrophobia,	2	–	–	–
Glanders,	–	–	–	–
Malignant Pustule,	1	–	–	–
Septicæmia,	166	3	6	17
I. — 3. *Dietic.*				
Totals,	215	–	13	19
Privation,	–	–	–	–
Purpura and Scurvy,	54	–	8	6
Delirium Tremens, Intemperance, } Alcoholism,	161	–	5	13
I. — 4. *Parasitic.*				
Totals,	2	–	–	–
Thrush,	2	–	–	–
Worms,	–	–	–	–

* Including "Fever," Typhus Fever, Continued Fever, and "Bilious" Fever.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
6	809	80	489	123	1,167	–	250	154	1,469	777
–	–	–	–	–	–	–	–	–	–	–
–	1	–	–	1	–	–	–	1	–	–
–	8	2	6	1	3	–	8	1	40	10
–	19	–	3	–	32	–	3	1	40	25
–	107	4	40	5	93	–	22	6	170	62
–	16	1	12	1	64	–	3	5	108	19
–	2	1	3	–	6	–	1	–	5	4
–	34	1	9	5	39	–	8	–	19	20
1	75	–	22	6	57	–	17	6	82	48
2	76	10	40	7	125	–	29	21	188	72
–	13	–	2	4	22	–	9	–	33	21
–	4	1	3	–	6	–	1	–	1	3
–	3	2	–	–	1	–	2	2	6	1
–	38	5	14	8	47	–	18	17	28	23
1	30	15	22	12	53	–	27	13	49	37
1	45	4	42	6	61	–	10	15	145	64
1	286	18	234	57	481	–	65	52	471	304
–	10	2	7	1	14	–	4	–	18	5
–	5	3	11	4	14	–	6	4	18	19
–	–	3	–	2	2	–	–	–	1	–
–	37	8	19	3	47	–	17	10	47	40
1	27	3	15	2	53	–	9	7	56	24
–	6	–	2	–	10	–	1	3	24	5
–	2	–	–	–	1	–	–	–	–	–
–	–	–	–	–	2	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	1	–	–	–	–	–	–	–	–	–
1	18	3	13	2	40	–	8	4	32	19
–	29	1	11	2	29	–	6	5	81	19
–	–	–	–	–	–	–	–	–	–	–
–	3	–	4	–	11	–	2	–	12	8
–	26	1	7	2	18	–	4	5	69	11
–	–	–	1	–	–	–	–	–	1	–
–	–	–	1	–	–	–	–	–	1	–
–	–	–	–	–	–	–	–	–	–	–

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
II. — 1. *Diathetic.*				
Totals,	2,384	37	92	202
Gout,	–	–	–	–
Dropsy,	85	2	3	15
Anæmia,	240	3	5	15
Cancer,*	1,907	29	71	154
Canker (Noma),	9	–	1	–
Mortification,	143	3	12	18
II. — 2. *Tubercular.*				
Totals,	7,027	50	154	641
Scrofula,	96	–	–	8
Tabes Mesenterica,	1,165	10	23	145
Phthisis (Consumption of Lungs),	5,288	39	124	456
Hydrocephalus (Tubercular Meningitis),	478	1	7	32
III. — 1. *Nervous System.*				
Totals,	6,456	97	212	713
Cephalitis,	1,439	12	56	159
Apoplexy,	2,103	17	67	210
Paralysis,	1,147	47	41	101
Insanity,	249	4	1	49
Chorea,	–	–	–	–
Epilepsy,	134	2	8	11
Tetanus,	24	–	1	1
Convulsions,	742	3	29	145
Brain Diseases, etc.,	618	12	9	37
III. — 2. *Organs of Circulation.*				
Totals,	4,204	85	141	317
Pericarditis,	318	3	13	15
Aneurism,	52	1	1	4
Heart Diseases, etc.,	3,834	81	127	298
III. — 3. *Respiratory Organs.*				
Totals,	6,341	49	196	537
Epistaxis,	3	–	–	–
Laryngitis,	76	–	1	16
Bronchitis,	1,486	14	47	146
Pleurisy,	191	–	5	13
Pneumonia,	4,206	30	135	310
Asthma,	122	2	2	19
Lung Diseases, etc.,	257	3	6	33

* Including 888 cases of Cancer part not stated, 379 Cancer of Stomach, 2 Cancer of Bowels, 220 Cancer of Liver, 227 Cancer of Uterus, 138 Cancer of Breast, 24 Cancer of Kidney, 29 of Epithelioma.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
4	316	35	138	55	473	3	126	100	553	250
–	–	–	–	–	–	–	–	–	–	–
1	9	–	8	3	10	–	6	4	9	15
1	27	5	19	6	59	2	15	6	46	31
2	257	29	103	42	377	1	102	84	466	190
–	2	–	2	1	1	–	–	1	1	–
–	21	1	6	3	26	–	3	5	31	14
6	806	72	415	102	1,409	5	295	229	2,124	719
–	9	2	4	2	13	–	5	2	39	12
3	142	7	66	15	226	–	48	24	382	74
3	591	59	313	80	1,073	5	227	197	1,535	586
–	64	4	32	5	97	–	15	6	168	47
11	808	115	398	152	1,261	11	373	274	1,232	799
–	152	23	104	13	285	–	72	39	329	195
4	259	43	142	55	420	2	107	117	437	223
5	188	28	55	30	228	5	65	50	185	119
–	29	2	2	15	24	2	16	1	42	62
–	–	–	–	–	–	–	–	–	–	–
–	16	2	11	6	21	–	14	5	16	22
–	2	–	3	–	6	–	3	1	6	1
2	95	5	51	15	139	–	35	23	99	101
–	67	12	30	18	138	2	61	38	118	76
17	575	67	190	89	839	13	215	176	1,007	473
–	27	3	8	3	66	6	8	6	141	19
–	8	–	6	–	11	–	1	1	17	2
17	540	64	176	86	762	7	206	169	849	452
2	682	83	359	109	1,269	6	292	154	1,885	718
–	1	–	1	–	–	–	–	–	1	–
–	7	–	6	5	13	–	6	4	9	9
1	167	16	85	25	298	2	54	39	414	178
–	27	–	7	3	48	–	9	5	52	22
1	440	60	245	73	827	3	205	98	1,312	467
–	14	–	3	3	29	–	2	2	24	22
–	26	7	12	–	54	1	16	6	73	20

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
III. — 4. *Digestive Organs.*				
Totals,	3,425	33	105	380
Gastritis,	291	1	13	27
Enteritis,	1,232	7	18	204
Peritonitis,	556	5	33	50
Appendicitis,	197	1	2	11
Ascites,	21	1	–	1
Ulceration of Intestines,	42	1	–	4
Hernia,	69	–	1	4
Ileus,	204	1	4	14
Intussusception,	24	–	–	2
Stricture of Intestines,	12	–	1	2
Fistula,	7	–	–	–
Stomach Diseases, etc.,	196	4	13	21
Pancreas Disease,	1	–	–	–
Hepatitis,	102	1	4	12
Jaundice,	98	–	3	4
Liver Diseases, etc.,	373	11	13	24
Spleen Disease,	–	–	–	–
III. — 5. *Urinary Organs.*				
Totals,	2,537	37	75	234
Nephritis (Bright's Disease, etc.),	1,682	24	53	160
Ischuria,	2	–	–	–
Diabetes,	271	1	7	20
Calculus (Gravel, etc.),	6	–	–	–
Cystitis,	138	2	1	7
Kidney Diseases, etc.,	438	10	14	47
III. — 6. *Generative Organs.*				
Totals,	106	–	1	9
Ovarian Dropsy,	100	–	1	7
Uterus Diseases, etc.,	6	–	–	2
III. — 7. *Organs of Locomotion.*				
Totals,	94	2	2	7
Arthritis,	11	–	–	3
Joint Diseases, etc.,*	83	2	2	4
III. — 8. *Integumentary System.*				
Totals,	78	–	2	7
Phlegmon,	52	–	2	3
Ulcer,	4	–	–	–
Skin Diseases, etc.,	22	–	–	4

* Including 10 Disease of Spine, and 14 Hip Disease.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
4	396	44	273	54	612	2	140	100	963	319
–	41	6	29	6	56	–	10	9	67	26
2	117	11	110	9	222	2	54	26	366	84
–	75	6	40	10	100	–	17	14	159	47
–	29	1	15	2	26	–	10	5	72	23
–	–	–	–	1	6	–	–	2	7	3
–	5	1	1	–	6	–	4	1	14	5
–	9	2	5	3	8	–	3	–	22	12
–	22	5	19	3	46	–	7	10	44	29
–	3	–	2	–	2	–	1	3	10	1
–	1	–	–	–	2	–	–	–	5	1
–	–	–	–	–	1	–	–	–	4	2
–	23	2	12	7	34	–	10	8	41	21
–	–	–	–	–	–	–	–	–	1	–
–	13	–	13	4	18	–	4	1	25	7
–	13	–	5	2	16	–	7	4	26	18
2	45	10	22	7	69	–	13	17	100	40
–	–	–	–	–	–	–	–	–	–	–
4	329	29	185	41	517	2	123	95	573	293
2	240	15	116	20	324	1	79	52	395	201
–	–	–	–	–	–	–	–	–	2	–
1	29	5	23	8	55	1	20	13	55	33
–	1	–	–	–	1	–	–	2	2	–
–	19	3	14	3	33	–	6	14	22	14
1	40	6	32	10	104	–	18	14	97	45
–	14	–	8	1	12	–	3	3	45	10
–	12	–	8	1	12	–	3	2	44	10
–	2	–	–	–	–	–	–	1	1	–
–	5	3	6	6	14	1	5	7	25	11
–	–	–	–	–	1	–	–	3	4	–
–	5	3	6	6	13	1	5	4	21	11
–	9	2	3	2	17	–	5	1	20	10
–	4	1	2	1	14	–	3	–	15	7
–	2	–	–	–	–	–	–	–	2	–
–	3	1	1	1	3	–	2	1	3	3

TABLE X. — Concluded.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
IV. — 1. *Dev. Diseases of Children.*				
Totals,	1,633	6	34	174
Infantile, Premature, etc,	1,381	3	25	159
Cyanosis,	78	1	3	5
Spina Bifida,	50	–	2	2
Other Malformations,	71	2	3	5
Teething,	53	–	1	3
IV. — 2. *Dev. Diseases of Adults.*				
Totals,	240	3	3	15
Paramenia,	1	–	–	–
Childbirth,*	239	3	3	15
IV. — 3. *Dev. Diseases of Old People.*				
Old Age,	1,669	47	47	145
IV. — 4. *Diseases of Nutrition.*				
Atrophy and Debility,	1,260	7	25	250
V. — 1. *Accident and Negligence.*				
Totals,	2,063	81	70	138
Fractures and Contusions,	465	1	15	32
Wounds,	–	–	–	–
Burns and Scalds,	217	3	15	13
Poison,	89	1	1	4
Drowning and Lost at Sea,	498	62	12	34
Suffocation and Strangulation,	243	5	10	32
Otherwise,†	143	3	2	8
Casualty,‡	408	6	15	15
V. — 2. *Infanticide.*	7	–	–	1
V. — 3. *Homicide.*	33	–	1	2
V. — 4. *Suicide.*§	288	1	6	12
V. — 5. *Battle.*	4	–	–	–
V. — 6. *Execution.*	4	–	–	–
Cause not stated or ill-defined,‖	346	5	16	24

* Not including 21 cases of Metria (Puerperal Fever).

† Under "Otherwise" (V. — 1·7) are included deaths from heat, cold, drinking cold water, lightning, surgical operation and exposure.

‡ Manner not specified; returned as "Casualty."

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
–	200	12	124	25	324	1	61	68	407	197
–	167	8	102	21	276	1	52	57	343	167
–	7	–	4	1	23	–	3	4	21	6
–	9	–	7	1	10	–	3	3	9	4
–	8	3	6	2	9	–	2	3	15	13
–	9	1	5	–	6	–	1	1	19	7
–	25	5	24	8	29	–	10	7	82	29
–	–	–	–	–	–	–	–	–	–	1
–	25	5	24	8	29	–	10	7	82	28
11	198	46	81	50	301	8	104	101	237	293
–	160	15	89	22	235	–	31	25	230	171
14	305	30	118	25	320	5	104	82	546	225
–	49	7	33	10	89	–	31	7	126	65
–	–	–	–	–	–	–	–	–	–	–
–	25	2	11	4	24	–	11	11	69	29
–	7	4	10	2	20	–	2	3	17	18
12	143	7	16	2	55	1	22	45	53	34
–	12	1	16	–	44	–	9	2	93	19
1	19	2	7	3	22	–	7	3	54	12
1	50	7	25	4	66	4	22	11	134	48
–	–	–	1	–	–	–	1	–	2	2
–	4	1	1	–	2	–	2	2	12	6
–	32	8	16	3	53	1	10	21	89	36
–	–	1	–	2	–	–	–	–	–	1
–	1	1	1	–	1	–	–	–	–	–
3	63	9	8	5	56	–	25	22	74	36

§ Totals; manner not stated.

‖ Comprising 76 deaths from "Hemorrhage," 80 from "Tumor," and 190 deaths either returned as "Unknown," or of which no cause was stated in the Returns.

DEATHS FROM SPECIAL CAUSES

In 1898.

Table XI. — Deaths in Each Town

The State and Counties.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal fever).
MASSACHUSETTS,	2,500,183	-	82	141	548	259	158	337	663	121	21
Barnstable,	27,654	-	-	2	2	1	1	1	3	-	-
Berkshire,	86,292	-	1	3	8	15	8	6	35	6	-
Bristol,	219,019	-	2	13	29	14	14	16	55	11	2
Dukes,	4,238	-	-	-	-	-	-	1	2	-	-
Essex,	330,393	-	8	19	107	16	34	75	76	13	4
Franklin,	40,145	-	2	-	4	1	1	-	10	-	1
Hampden,	152,938	-	6	3	40	12	9	22	40	2	3
Hampshire,	54,710	-	1	-	5	1	5	6	7	4	-
Middlesex,	499,217	-	3	32	93	64	39	57	125	22	6
Nantucket,	3,016	-	-	-	-	-	-	-	-	-	-
Norfolk,	134,819	-	8	3	22	3	8	17	29	9	1
Plymouth,	101,498	-	1	1	6	5	-	6	21	-	-
Suffolk,	539,799	-	40	40	170	108	19	82	188	33	1
Worcester,	306,445	-	10	25	62	19	20	48	72	21	3
Barnstable Co.,	27,654	-	-	2	2	1	1	1	3	-	-
Barnstable,	4,055	-	-	-	2	-	1	-	-	-	-
Bourne,	1,580	-	-	-	-	-	-	-	1	-	-
Brewster,	901	-	-	1	-	-	-	-	-	-	-
Chatham,	1,809	-	-	-	-	-	-	-	-	-	-
Dennis,	2,545	-	-	-	-	-	-	-	-	-	-
Eastham,	476	-	-	-	-	-	-	-	-	-	-
Falmouth,	2,655	-	-	-	-	-	-	1	-	-	-
Harwich,	2,532	-	-	-	-	-	-	-	1	-	-
Mashpee,	330	-	-	-	-	-	-	-	-	-	-
Orleans,	1,198	-	-	-	-	-	-	-	-	-	-
Provincetown,	4,555	-	-	1	-	1	-	-	1	-	-
Sandwich,	1,580	-	-	-	-	-	-	-	-	-	-
Truro,	815	-	-	-	-	-	-	-	-	-	-
Wellfleet,	968	-	-	-	-	-	-	-	-	-	-
Yarmouth,	1,655	-	-	-	-	-	-	-	-	-	-
Berkshire Co.,	86,292	-	1	3	8	15	8	6	35	6	-
Adams,	7,837	-	-	-	3	-	-	-	8	-	-
Alford,	280	-	-	-	-	-	-	1	-	-	-
Becket,	888	-	-	-	-	-	-	-	2	1	-
Cheshire,	1,176	-	-	-	-	-	-	-	-	1	-
Clarksburg,	1,009	-	-	-	-	-	-	-	-	-	-
Dalton,	3,210	-	-	-	-	-	-	-	5	-	-
Egremont,	836	-	-	-	-	2	-	-	-	-	-
Florida,	425	-	-	-	-	-	-	-	-	-	-
Great Barrington,	4,794	-	-	-	-	-	-	-	-	-	-
Hancock,	511	-	-	-	-	-	-	-	-	-	-
Hinsdale,	1,650	-	-	-	-	-	-	-	-	-	-
Lanesborough,	848	-	-	-	-	-	-	-	-	-	-
Lee,	4,066	-	-	1	1	1	-	-	2	-	-
Lenox,	2,872	-	-	-	-	-	-	1	1	-	-

FROM SPECIAL CAUSES IN 1898.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
240	293	454	2,320	73	161	5,288	2,103	1,486	4,206	197	2,063	33	7	288	4	4
3	7	2	14	1	-	39	17	14	30	1	81	-	-	1	-	-
3	4	18	47	3	5	124	67	47	135	2	70	1	-	6	-	-
15	23	41	290	8	13	456	210	146	310	11	138	2	1	12	-	-
-	1	1	1	-	-	3	4	1	1	-	14	-	-	-	-	-
25	30	45	286	10	26	591	259	167	440	29	305	4	-	32	1	-
5	15	4	18	2	1	59	43	16	60	1	30	1	-	8	1	1
24	22	42	234	7	7	313	142	85	245	15	118	1	1	16	1	-
8	12	6	57	1	2	80	55	25	73	2	25	-	-	3	-	2
29	53	61	481	14	18	1,073	420	298	827	26	320	2	-	53	1	-
-	-	-	-	-	-	5	2	2	3	-	5	-	-	1	-	-
10	27	10	65	4	4	227	107	54	205	10	104	2	1	10	-	-
7	13	15	52	-	5	197	117	39	98	5	82	2	-	21	-	-
82	49	145	471	18	69	1,535	437	414	1,312	72	546	12	2	89	-	-
29	37	64	304	5	11	586	223	178	467	23	225	6	2	36	-	1
3	7	2	14	1	-	39	17	14	30	1	81	-	-	1	-	-
1	1	-	-	-	-	6	4	2	4	1	5	-	-	1	-	-
-	1	-	-	-	-	3	1	1	-	-	3	-	-	-	-	-
1	-	-	1	-	-	1	1	1	1	-	-	-	-	-	-	-
1	1	-	1	-	-	4	-	1	3	-	12	-	-	-	-	-
-	-	-	-	-	-	4	1	1	3	-	2	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	9	-	-	-	-	-
-	-	1	1	-	-	4	3	1	3	-	9	-	-	-	-	-
-	2	-	-	1	-	1	3	-	4	-	4	-	-	-	-	-
-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-
-	-	-	-	-	-	2	-	-	1	-	13	-	-	-	-	-
-	1	1	8	-	-	6	-	3	7	-	18	-	-	-	-	-
-	-	-	-	-	-	2	-	-	2	-	2	-	-	-	-	-
-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	2	2	-	1	-	1	-	-	-	-	-
-	1	-	1	-	-	2	1	3	1	-	2	-	-	-	-	-
3	4	18	47	3	5	124	67	47	135	2	70	1	-	6	-	-
-	-	6	11	-	-	13	6	5	10	-	6	-	-	1	-	-
-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
-	-	-	2	-	-	3	1	1	-	-	2	-	-	-	-	-
-	-	-	-	-	-	2	1	-	2	-	-	-	-	-	-	-
-	-	1	-	1	1	2	-	1	2	-	-	-	-	-	-	-
-	-	-	3	-	-	4	5	-	6	-	4	-	-	1	-	-
-	-	-	-	-	-	2	1	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
1	-	-	-	-	1	4	2	-	7	1	6	-	-	-	-	-
-	-	-	1	-	-	-	1	2	1	-	-	-	-	-	-	-
-	-	-	1	-	-	1	2	3	-	-	1	-	-	-	-	-
-	-	-	-	-	-	3	1	-	2	-	1	-	-	-	-	-
-	-	-	6	-	-	6	3	1	8	-	3	-	-	-	-	-
-	-	-	1	-	-	2	1	-	3	-	4	-	-	-	-	-

TABLE XI. — Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).
Berkshire — Con.											
Monterey,	464	-	-	-	-	-	-	-	-	-	-
Mount Washington,	136	-	-	-	-	-	-	-	-	-	-
New Ashford,	116	-	-	-	-	-	-	-	-	-	-
New Marlborough,	1,288	-	-	-	-	-	-	-	1	1	-
North Adams,	19,135	-	-	1	1	4	7	1	9	1	-
Otis,	518	-	-	-	-	-	-	-	-	-	-
Peru,	305	-	-	-	-	-	-	-	-	-	-
Pittsfield,	20,461	-	-	1	2	7	1	2	7	1	-
Richmond,	701	-	-	-	-	-	-	-	-	-	-
Sandisfield,	802	-	-	-	-	-	-	-	-	-	-
Savoy,	504	-	-	-	-	-	-	-	-	-	-
Sheffield,	1.897	-	-	-	-	-	-	-	-	1	-
Stockbridge,	2,077	-	1	-	-	-	-	-	-	-	-
Tyringham,	363	-	-	-	-	-	-	-	-	-	-
Washington,	423	-	-	-	-	-	-	-	-	-	-
West Stockbridge,	1,257	-	-	-	-	-	-	-	-	-	-
Williamstown,	4,887	-	-	-	1	1	-	1	-	-	-
Windsor,	556	-	-	-	-	-	-	-	-	-	-
BRISTOL Co.,	219,019	-	2	13	29	14	14	16	55	11	2
Acushnet,	1,115	-	-	-	-	-	-	-	-	-	-
Attleborough,	8,288	-	-	-	-	1	-	1	1	-	-
Berkley,	955	-	-	-	-	-	-	-	1	-	-
Dartmouth,	3,107	-	-	-	-	-	-	-	1	1	-
Dighton,	1,797	-	-	-	1	-	1	-	-	-	-
Easton,	4,452	-	-	-	-	-	-	-	-	-	-
Fairhaven,	3,338	-	-	-	-	-	-	-	-	-	-
Fall River,	89,203	-	1	6	11	3	7	6	19	7	1
Freetown,	1,405	-	-	-	-	-	-	-	1	-	-
Mansfield,	3,722	-	-	-	-	-	-	-	-	-	-
New Bedford,	55,251	-	-	5	13	8	6	8	21	2	1
North Attleborough,	6,576	-	1	-	1	1	-	-	2	-	-
Norton,	1,614	-	-	-	-	-	-	-	-	-	-
Raynham,	1,518	-	-	-	-	-	-	-	-	-	-
Rehoboth,	1,810	-	-	-	-	-	-	-	-	-	-
Seekonk,	1,465	-	-	1	1	-	-	-	-	-	-
Somerset,	1,983	-	-	-	-	-	-	-	-	-	-
Swanzey,	1,627	-	-	-	-	-	-	-	-	-	-
Taunton,	27.115	-	-	1	1	1	-	-	9	1	-
Westport,	2,678	-	-	-	1	-	-	1	-	-	-
DUKES Co.,	4,238	-	-	-	-	-	-	1	2	-	-
Chilmark,	304	-	-	-	-	-	-	1	1	-	-
Cottage City,	1,038	-	-	-	-	-	-	-	1	-	-
Edgartown,	1,125	-	-	-	-	-	-	-	-	-	-
Gay Head,	169	-	-	-	-	-	-	-	-	-	-
Gosnold,	140	-	-	-	-	-	-	-	-	-	-
Tisbury,	1,002	-	-	-	-	-	-	-	-	-	-
West Tisbury,	460	-	-	-	-	-	-	-	-	-	-
ESSEX Co.,	330,393	-	8	19	107	16	34	75	76	13	4
Amesbury,	9,986	-	-	1	2	1	-	1	-	1	-
Andover,	6,145	-	-	-	2	-	-	-	-	-	-
Beverly,	11,806	-	-	1	1	-	-	1	4	-	-
Boxford,	727	-	-	-	-	-	-	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	2	-	14	1	-	1	-	1	-	-	-	-	-
-	2	6	10	-	-	8	11	12	43	-	13	-	-	2	-	-
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	2	-	1	1	-	-	-	-	-	-	-
1	1	2	9	-	1	36	20	12	24	-	20	-	-	-	-	-
-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	1	3	-	-	-	-	-	-	-
-	-	1	-	-	1	1	-	-	3	-	1	-	-	-	-	-
-	-	-	-	-	1	5	3	1	2	1	1	-	-	1	-	-
-	-	-	-	-	-	3	2	-	6	-	4	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	2	2	1	-	-	1	-	1	-	-
1	-	2	2	-	-	6	2	2	5	-	-	-	-	-	-	-
-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
15	23	41	290	8	13	456	210	146	310	11	138	2	1	12	-	-
1	-	-	-	-	-	-	3	-	1	-	1	-	-	1	-	-
1	1	-	6	-	-	13	5	2	9	1	14	1	-	-	-	-
-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-
-	2	-	2	-	-	4	10	2	2	-	3	-	-	-	-	-
-	-	-	2	-	-	4	-	2	1	1	2	-	-	-	-	-
-	-	-	-	-	-	8	3	1	11	-	3	-	-	1	-	-
1	-	-	1	-	-	5	10	2	4	-	2	-	-	-	-	-
5	14	25	148	6	4	212	71	86	134	5	49	-	1	2	-	-
-	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	4	1	3	1	4	-	-	1	-	-
4	2	10	116	1	4	110	50	30	69	2	27	-	-	-	-	-
1	-	1	2	-	1	8	5	-	5	-	3	-	-	2	-	-
-	-	-	-	-	-	3	3	1	7	-	-	-	-	-	-	-
-	-	-	-	-	-	-	4	-	3	-	1	-	-	-	-	-
-	-	-	-	-	-	1	4	-	6	-	1	-	-	-	-	-
-	-	-	-	1	-	2	2	1	1	-	3	1	-	-	-	-
-	-	1	-	-	-	2	5	1	4	-	1	-	-	-	-	-
-	-	-	1	-	-	1	1	-	4	-	-	-	-	-	-	-
2	4	4	11	-	3	66	26	13	43	1	22	-	-	5	-	-
-	-	-	1	-	-	6	2	1	3	-	2	-	-	-	-	-
-	1	1	1	-	-	3	4	1	1	-	14	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	-	-	-	3	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	3	1	-	-	7	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-
25	30	45	286	10	26	591	259	167	440	29	305	4	-	32	1	-
1	-	4	9	-	-	21	6	8	11	-	4	-	-	1	-	-
-	1	-	-	-	-	9	8	1	7	2	3	-	-	-	-	-
-	-	1	9	-	1	20	10	7	15	2	15	-	-	2	-	-
-	-	-	-	-	-	2	2	-	3	-	4	-	-	1	-	-

TABLE XI. — Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).
Essex — Con.											
Danvers,	8,181	-	-	-	2	-	-	-	1	-	-
Essex,	1,587	-	-	-	-	-	-	-	-	-	-
Georgetown,	2,050	-	-	-	-	-	-	-	-	-	-
Gloucester,	28,211	-	1	3	2	2	2	9	3	3	-
Groveland,	2,333	-	-	-	-	-	-	1	1	-	-
Hamilton,	1,356	-	-	-	-	-	-	1	-	-	-
Haverhill,	34,945	-	2	-	11	3	3	10	8	1	-
Ipswich,	4,720	-	-	-	4	-	2	2	1	1	-
Lawrence,	52,164	-	1	10	40	2	23	1	14	2	2
Lynn,	62,354	-	3	3	6	2	1	27	15	1	-
Lynnfield,	818	-	-	-	-	-	-	-	-	-	-
Manchester,	1,876	-	-	-	-	-	-	-	1	-	-
Marblehead,	7,671	-	-	-	1	2	-	1	1	-	-
Merrimac,	2,301	-	-	-	-	1	-	-	-	-	-
Methuen,	5,690	-	-	-	10	-	-	-	4	-	-
Middleton,	838	-	-	-	-	-	-	-	-	-	-
Nahant,	865	-	-	-	-	-	-	-	-	-	-
Newbury,	1,489	-	-	-	-	-	-	1	-	-	-
Newburyport,	14,552	-	-	-	2	-	1	2	2	1	1
North Andover,	3,569	-	1	1	1	-	-	1	2	-	-
Peabody,	10,507	-	-	-	17	-	1	1	4	-	-
Rockport,	5,289	-	-	-	-	1	-	-	-	-	-
Rowley,	1,272	-	-	-	1	-	-	-	1	-	-
Salem,	34,473	-	-	-	3	2	1	10	12	3	1
Salisbury,	1,300	-	-	-	-	-	-	3	-	-	-
Saugus,	4,497	-	-	-	-	-	-	1	-	-	-
Swampscott,	3,259	-	-	-	1	-	-	1	2	-	-
Topsfield,	1,033	-	-	-	-	-	-	1	-	-	-
Wenham,	886	-	-	-	-	-	-	-	-	-	-
West Newbury,	1,643	-	-	-	1	-	-	-	-	-	-
FRANKLIN Co.,	40,145	-	2	-	4	1	1	-	10	-	1
Ashfield,	1,013	-	-	-	-	-	-	-	-	-	-
Bernardston,	778	-	-	-	-	-	-	-	-	-	-
Buckland,	1,548	-	-	-	1	-	1	-	-	-	-
Charlemont,	1,041	-	-	-	-	-	-	-	-	-	-
Colrain,	1,610	-	-	-	-	-	-	-	-	-	-
Conway,	1,304	-	-	-	-	-	-	-	1	-	-
Deerfield,	3,007	-	-	-	1	-	-	-	1	-	-
Erving,	964	-	-	-	-	-	-	-	-	-	-
Gill,	1,082	-	-	-	-	-	-	-	-	-	-
Greenfield,	6,229	-	2	-	-	-	-	-	2	-	-
Hawley,	468	-	-	-	-	-	-	-	1	-	-
Heath,	476	-	-	-	-	1	-	-	-	-	-
Leverett,	744	-	-	-	-	-	-	-	2	-	-
Leyden,	363	-	-	-	-	-	-	-	-	-	-
Monroe,	298	-	-	-	-	-	-	-	-	-	-
Montague,	6,058	-	-	-	-	-	-	-	1	-	1
New Salem,	869	-	-	-	-	-	-	-	-	-	-
Northfield,	1,851	-	-	-	-	-	-	-	-	-	-
Orange,	5,361	-	-	-	2	-	-	-	2	-	-
Rowe,	498	-	-	-	-	-	-	-	-	-	-
Shelburne,	1,560	-	-	-	-	-	-	-	-	-	-
Shutesbury,	444	-	-	-	-	-	-	-	-	-	-
Sunderland,	696	-	-	-	-	-	-	-	-	-	-
Warwick,	599	-	-	-	-	-	-	-	-	-	-
Wendell,	529	-	-	-	-	-	-	-	-	-	-
Whately,	755	-	-	-	-	-	-	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
-	4	2	2	-	1	24	7	3	14	1	2	-	-	3	-	-
-	-	-	-	-	-	1	-	-	3	-	1	-	-	1	-	-
-	-	-	-	-	-	4	1	-	5	-	-	-	-	-	-	-
1	1	-	20	-	2	45	16	9	27	2	87	-	-	4	-	-
-	-	-	2	-	1	8	-	3	2	-	2	-	-	-	-	-
-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-
4	3	4	16	-	4	70	31	14	63	3	19	-	-	4	-	-
-	2	1	3	-	-	9	2	3	11	-	2	-	-	-	-	-
8	5	7	119	5	2	101	39	30	86	1	48	-	-	3	-	-
6	4	5	53	3	6	114	32	23	75	8	27	2	-	5	-	-
-	-	-	-	-	-	-	4	-	1	-	2	-	-	-	-	-
-	-	-	1	-	-	2	3	1	5	-	1	-	-	-	-	-
-	-	3	1	-	2	9	9	5	10	1	7	-	-	-	-	-
1	-	-	-	-	-	-	6	-	3	1	2	-	-	-	-	-
2	-	2	7	-	-	7	1	2	5	-	5	-	-	-	-	-
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	9	-	-	-	-	-
-	-	-	-	-	-	2	1	1	3	-	2	-	-	-	-	-
2	2	5	8	-	1	25	11	12	15	2	12	-	-	-	-	-
-	-	-	2	-	-	6	3	1	1	-	5	-	-	-	-	-
-	3	1	6	1	1	22	17	11	16	2	6	2	-	5	-	-
-	-	2	1	-	-	9	2	3	3	-	7	-	-	-	-	-
-	1	-	-	-	1	2	1	-	2	-	-	-	-	-	-	-
-	3	7	23	-	3	50	31	24	39	3	24	-	-	3	1	-
-	-	-	1	1	-	2	1	-	3	-	3	-	-	-	-	-
-	-	-	1	-	1	8	6	6	7	-	3	-	-	-	-	-
-	-	1	1	-	-	4	3	-	3	-	2	-	-	-	-	-
-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-
-	1	-	-	-	-	4	3	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	5	1	-	1	1	1	-	-	-	-	-
5	15	4	18	2	1	59	43	16	60	1	30	1	-	8	1	1
-	-	-	-	-	-	1	3	1	2	-	-	-	-	-	-	-
-	4	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	8	3	1	1	-	-	-	-	1	-	-
-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
-	1	-	-	-	-	1	3	-	1	-	2	-	-	-	-	-
-	-	-	1	-	-	3	3	-	2	-	-	-	-	1	-	-
1	1	-	1	-	-	5	3	2	6	-	4	-	-	-	-	-
-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-
-	2	1	-	-	1	2	-	1	4	-	2	-	-	1	-	-
-	2	-	2	-	-	12	2	4	4	-	6	1	-	4	1	-
-	-	-	-	-	-	2	2	-	3	-	-	-	-	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	4	-	-	1	-	-	-	-	-	-	-
1	-	-	9	1	-	8	1	1	18	1	4	-	-	-	-	-
-	1	-	-	-	-	-	2	3	2	-	-	-	-	-	-	-
-	1	-	1	1	-	1	1	-	1	-	1	-	-	1	-	-
-	-	1	1	-	-	3	5	2	6	-	5	-	-	-	-	1
1	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	2	2	1	-	-	1	-	-	-	-	-
-	-	-	-	-	-	1	2	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	-	2	-	4	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-
-	3	-	1	-	-	1	-	-	1	-	1	-	-	-	-	-

TABLE XI. — Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).
HAMPDEN Co.,	152,938	-	6	3	40	12	9	22	40	2	3
Agawam,	2,408	-	-	-	-	-	-	-	1	-	-
Blandford,	849	-	-	-	-	-	-	-	1	-	-
Brimfield,	962	-	-	-	-	-	-	-	-	-	-
Chester,	1,429	-	-	-	-	-	-	-	-	-	-
Chicopee,	16,420	-	-	-	3	1	1	2	4	-	1
East Longmeadow,	1,591	-	-	-	-	-	-	-	-	-	-
Granville,	1,005	-	1	-	-	-	-	-	2	-	-
Hampden,	743	-	-	-	-	-	-	-	-	-	-
Holland,	199	-	-	-	-	-	-	-	-	-	-
Holyoke,	40,322	-	1	-	10	4	-	6	12	2	1
Longmeadow,	620	-	-	-	-	-	-	-	-	-	-
Ludlow,	2,562	-	1	-	1	1	-	-	-	-	1
Monson,	3,746	-	-	-	1	-	-	4	1	-	-
Montgomery,	275	-	-	-	-	-	-	-	-	-	-
Palmer,	6,858	-	-	1	1	-	1	1	1	-	-
Russell,	846	-	1	-	-	-	-	-	-	-	-
Southwick,	961	-	-	-	-	-	-	-	-	-	-
Springfield,	51,522	-	1	1	22	5	6	9	15	-	-
Tolland,	309	-	-	-	-	-	-	-	-	-	-
Wales,	783	-	-	-	-	-	-	-	-	-	-
West Springfield,	6,125	-	1	1	2	-	1	-	1	-	-
Westfield,	10,663	-	-	-	-	1	-	-	2	-	-
Wilbraham,	1,740	-	-	-	-	-	-	-	-	-	-
HAMPSHIRE Co.,	54,710	-	1	-	5	1	5	6	7	4	-
Amherst,	4,785	-	-	-	-	-	-	-	1	1	-
Belchertown,	2,161	-	-	-	1	-	-	-	-	-	-
Chesterfield,	589	-	-	-	-	-	-	-	-	-	-
Cummington,	750	-	-	-	-	-	-	-	-	-	-
Easthampton,	4,790	-	-	-	-	-	-	-	-	-	-
Enfield,	990	-	-	-	-	-	-	-	-	-	-
Goshen,	304	-	-	-	-	-	-	-	-	-	-
Granby,	748	-	-	-	-	-	-	-	1	-	-
Greenwich,	481	-	-	-	-	-	-	-	-	-	-
Hadley,	1,704	-	-	-	-	-	-	-	-	-	-
Hatfield,	1,262	-	-	-	-	-	-	-	-	-	-
Huntington,	1,450	-	-	-	-	-	-	-	-	-	-
Middlefield,	386	-	-	-	-	-	-	-	-	-	-
Northampton,	16,746	-	-	-	1	1	1	3	3	3	-
Pelham,	486	-	-	-	-	-	-	-	-	-	-
Plainfield,	450	-	-	-	-	-	-	-	-	-	-
Prescott,	401	-	-	-	-	-	-	-	-	-	-
South Hadley,	4,443	-	-	-	1	-	2	1	1	-	-
Southampton,	1,054	-	1	-	-	-	1	1	-	-	-
Ware,	7,651	-	-	-	2	-	1	-	1	-	-
Westhampton,	476	-	-	-	-	-	-	1	-	-	-
Williamsburg,	1,955	-	-	-	-	-	-	-	-	-	-
Worthington,	648	-	-	-	-	-	-	-	-	-	-
MIDDLESEX Co.,	499,217	-	3	32	93	64	39	57	125	22	6
Acton,	1,978	-	-	-	-	-	-	-	1	-	-
Arlington,	6,515	-	-	-	2	1	-	-	2	-	-
Ashby,	804	-	-	-	-	-	-	-	-	-	-
Ashland,	2,090	-	-	-	-	-	-	-	-	1	-
Ayer,	2,101	-	-	-	-	5	-	-	1	-	-
Bedford,	1,169	-	-	-	-	-	-	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
24	22	42	234	7	7	313	142	85	245	15	118	1	1	16	1	-
-	1	-	4	-	-	4	4	2	3	-	2	-	-	-	-	-
-	1	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	1	-	-	1	-	-	-	-	-
1	1	-	1	-	-	3	2	-	2	-	-	-	-	2	-	-
4	1	1	47	1	-	38	12	8	30	2	12	-	-	1	-	-
-	-	-	1	-	1	3	-	1	2	-	-	-	-	-	-	-
-	-	-	-	-	-	-	2	-	3	-	2	-	-	-	-	-
-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
11	8	28	80	5	1	92	25	28	52	2	37	-	1	2	-	-
-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-
-	1	2	7	-	-	4	-	4	10	-	3	-	-	-	-	-
-	-	-	1	-	-	7	7	-	2	1	3	-	-	1	-	-
-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-
-	2	-	18	-	-	9	7	8	14	1	10	-	-	-	-	-
-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
-	-	1	1	-	1	-	-	-	4	-	1	-	-	-	-	-
4	3	9	50	-	3	109	57	26	95	8	29	1	-	7	1	-
1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
2	1	1	12	1	-	2	7	4	7	-	4	-	-	1	-	-
1	1	-	11	-	-	29	13	1	11	1	10	-	-	1	-	-
-	2	-	1	-	-	4	1	1	6	-	2	-	-	-	-	-
8	12	6	57	1	2	80	55	25	73	2	25	-	-	3	-	2
1	2	1	2	-	-	4	6	-	6	1	3	-	-	-	-	2
1	-	-	4	-	-	3	3	-	2	-	-	-	-	-	-	-
-	-	-	2	-	-	1	-	-	2	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1	-	2	3	-	-	9	7	3	5	-	1	-	-	-	-	-
2	-	-	-	-	-	-	1	3	3	-	1	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	2	-	1	1	-	-	-	-	-	-	-
-	1	-	1	-	-	-	1	1	1	-	-	-	-	-	-	-
-	1	-	1	-	-	2	1	-	2	-	-	-	-	-	-	-
-	1	-	1	-	1	1	1	-	2	-	1	-	-	-	-	-
-	2	-	-	-	-	2	4	1	-	-	1	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1	4	1	22	-	1	26	13	10	25	1	12	-	-	-	-	-
-	-	-	-	-	-	2	3	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-
-	-	-	6	-	-	7	1	-	3	-	1	-	-	1	-	-
-	-	-	-	-	-	2	2	1	2	-	-	-	-	-	-	-
2	1	2	14	1	-	13	6	4	14	-	2	-	-	-	-	-
-	-	-	-	-	-	2	1	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	3	2	1	2	-	-	-	-	-	-	-
-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-
29	53	61	481	14	18	1,073	420	298	827	26	320	2	-	53	1	-
-	-	-	-	-	-	4	2	-	4	-	3	-	-	-	-	-
1	1	1	1	-	-	13	9	8	12	-	5	-	-	1	-	-
-	-	-	-	-	-	-	-	1	3	-	1	-	-	1	-	-
-	-	-	-	-	-	7	4	-	3	-	-	-	-	-	-	-
1	-	-	1	-	-	5	1	1	5	-	4	-	-	-	-	-
-	-	-	-	-	-	1	-	-	3	-	1	-	-	-	-	-

TABLE XI. — Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).
Middlesex — Con.											
Belmont,	2,843	-	-	-	-	-	-	-	-	-	-
Billerica,	2,577	-	-	-	-	1	-	-	-	-	-
Boxborough,	307	-	-	-	-	-	-	-	-	-	-
Burlington,	574	-	-	-	-	-	-	-	-	-	-
Cambridge,	81,643	-	1	5	23	17	5	17	15	5	1
Carlisle,	492	-	1	-	-	-	-	-	-	-	-
Chelmsford,	3,162	-	-	-	-	-	-	-	2	-	1
Concord,	5,175	-	-	-	-	-	-	-	2	1	-
Dracut,	2,443	-	-	-	-	-	-	-	2	-	1
Dunstable,	400	-	-	-	-	-	-	-	-	-	-
Everett,	18,573	-	-	1	5	1	3	1	6	-	-
Framingham,	9,512	-	-	2	1	2	-	-	11	1	-
Groton,	2,192	-	-	-	-	1	-	-	-	-	-
Holliston,	2,718	-	-	-	-	-	-	-	1	-	-
Hopkinton,	2,984	-	-	-	-	-	-	-	1	1	-
Hudson,	5,308	-	-	2	-	-	2	2	2	-	-
Lexington,	3,498	-	-	-	-	-	-	-	-	-	-
Lincoln,	1,111	-	-	-	-	-	-	-	-	-	-
Littleton,	1,136	-	-	-	-	-	-	-	-	-	-
Lowell,	84,367	-	-	7	23	4	14	10	25	2	-
Malden,	29,708	-	-	1	5	4	-	10	6	-	-
Marlborough,	14,977	-	-	-	-	2	5	2	-	-	-
Maynard,	3,090	-	-	-	-	1	-	-	-	-	1
Medford,	14,474	-	-	-	4	2	-	-	3	-	1
Melrose,	11,965	-	1	1	-	-	1	1	1	-	1
Natick,	8,814	-	-	1	1	1	3	-	5	-	-
Newton,	27,590	-	-	3	6	4	-	6	8	-	-
North Reading,	835	-	-	-	-	-	-	-	-	-	-
Pepperell,	3,321	-	-	-	-	3	1	-	1	1	-
Reading,	4,717	-	-	-	-	1	-	-	-	1	-
Sherborn,	1,446	-	-	-	-	-	-	-	-	-	-
Shirley,	1,399	-	-	-	-	-	-	-	-	-	-
Somerville,	52,200	-	-	-	9	5	1	3	11	3	-
Stoneham,	6,284	-	-	-	-	1	-	-	1	1	-
Stow,	920	-	-	-	-	-	-	-	-	1	-
Sudbury,	1,141	-	-	-	-	-	-	-	-	-	-
Tewksbury,	3,379	-	-	1	-	-	-	-	-	-	-
(*State Almshouse*),	-	-	-	1	3	1	-	-	-	-	-
Townsend,	1,780	-	-	-	-	-	-	-	1	-	-
Tyngsborough,	635	-	-	-	-	-	-	-	-	-	-
Wakefield,	8,304	-	-	-	1	-	2	1	1	-	-
Waltham,	20,876	-	-	1	3	1	-	-	8	2	-
Watertown,	7,788	-	-	5	2	2	-	2	2	-	-
Wayland,	2,026	-	-	-	-	-	-	-	-	-	-
Westford,	2,418	-	-	-	-	1	-	-	2	-	-
Weston,	1,710	-	-	-	1	-	-	-	1	-	-
Wilmington,	1,420	-	-	-	-	-	-	-	-	1	-
Winchester,	6,150	-	-	-	-	-	1	-	1	1	-
Woburn,	14,178	-	-	1	4	3	1	2	2	-	-
NANTUCKET Co.,	3,016	-	-	-	-	-	-	-	-	-	-
NORFOLK Co.,	134,819	-	8	3	22	3	8	17	29	9	1
Avon,	1,626	-	-	-	-	-	-	-	1	-	-
Bellingham,	1,481	-	-	-	-	-	-	-	-	-	-
Braintree,	5,311	-	-	-	1	-	-	-	3	-	-
Brookline,	16,164	-	2	2	4	-	-	9	2	1	1
Canton,	4,636	-	-	-	-	-	2	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
-	-	-	1	-	-	2	6	1	4	-	2	-	-	1	-	-
-	-	-	-	-	-	5	5	2	5	-	1	-	-	-	-	-
-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-
-	2	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-
5	4	17	83	3	5	195	68	53	161	3	51	-	-	5	1	-
-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	9	4	1	2	1	2	-	-	-	-	-
-	1	-	1	-	-	5	7	-	8	-	7	-	-	-	-	-
-	-	-	4	-	-	1	4	1	2	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	2	-	2	-	-	-	-	-
-	1	2	17	2	-	43	10	12	34	1	20	-	-	2	-	-
-	2	1	6	-	-	23	6	2	10	-	13	-	-	-	-	-
-	-	-	-	-	-	1	2	-	-	-	1	-	-	-	-	-
1	-	1	-	1	-	9	4	2	4	-	-	-	-	-	-	-
-	-	-	1	-	-	9	5	-	5	-	1	-	-	-	-	-
-	1	1	7	-	-	5	3	3	4	1	1	-	-	-	-	-
-	-	-	-	-	-	4	1	-	7	-	4	-	-	2	-	-
-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	1	2	1	-	1	-	-	-	-	-
7	8	11	185	3	4	188	62	100	165	6	44	1	-	13	-	-
-	5	1	22	-	-	54	12	19	50	3	13	-	-	1	-	-
-	5	-	7	-	-	30	19	4	12	-	4	-	-	-	-	-
-	-	-	6	-	-	3	1	-	1	-	5	-	-	-	-	-
1	-	-	13	-	-	17	9	8	25	-	5	-	-	2	-	-
-	3	1	4	-	-	26	13	3	16	1	8	-	-	2	-	-
1	-	1	7	-	-	22	7	4	18	-	4	-	-	2	-	-
1	1	8	18	-	2	31	29	7	41	1	24	-	-	2	-	-
-	-	-	-	-	-	2	1	-	1	-	-	-	-	1	-	-
-	-	-	5	-	-	6	3	5	7	-	5	-	-	1	-	-
1	-	3	2	-	-	4	10	-	8	1	2	-	-	-	-	-
-	-	-	1	-	-	1	1	1	1	-	1	-	-	-	-	-
-	-	-	1	-	-	2	1	1	-	1	1	1	-	-	-	-
6	8	8	53	2	1	96	48	24	84	3	24	-	-	6	-	-
1	1	-	1	-	1	14	7	3	7	-	2	-	-	-	-	-
-	-	-	2	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	2	-	-	2	-	-	-	-	2	-	-
-	-	-	3	1	-	6	-	1	2	-	2	-	-	-	-	-
-	4	-	6	-	2	109	11	-	31	1	5	-	-	2	-	-
-	-	-	1	-	-	1	-	2	-	-	2	-	-	-	-	-
-	-	-	1	-	-	1	1	-	-	-	2	-	-	1	-	-
-	-	-	-	-	-	19	9	2	7	-	3	-	-	1	-	-
3	1	3	7	1	-	40	8	8	22	3	14	-	-	-	-	-
-	1	1	4	-	1	11	6	5	11	-	7	-	-	-	-	-
-	-	-	1	-	-	5	2	1	3	-	-	-	-	-	-	-
-	-	-	1	-	-	6	-	1	-	-	2	-	-	1	-	-
-	-	-	1	-	-	1	3	1	1	-	5	-	-	-	-	-
-	-	-	-	-	-	2	2	-	5	-	1	-	-	1	-	-
-	-	-	2	-	-	6	1	2	8	-	2	-	-	-	-	-
-	4	-	5	-	2	27	8	6	16	-	10	-	-	3	-	-
-	-	-	-	-	-	5	2	2	3	-	5	-	-	1	-	-
10	27	10	65	4	4	227	107	54	205	10	104	2	1	10	-	-
-	-	-	1	1	-	5	4	1	2	-	2	-	-	-	-	-
-	-	-	2	-	-	1	-	-	2	-	-	-	-	-	-	-
1	-	-	4	-	-	4	5	2	14	-	2	-	-	-	-	-
-	1	2	6	1	-	16	10	10	21	-	11	1	-	3	-	-
-	5	-	5	-	-	15	4	5	7	1	4	-	-	-	-	-

TABLE XI. — Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).
Norfolk — Con.											
Cohasset,	2,474	-	-	-	-	-	-	-	-	-	-
Dedham,	7,211	-	1	-	-	-	-	1	1	-	-
Dover,	668	-	-	-	-	-	1	-	-	-	-
Foxborough,	3,219	-	-	-	-	-	-	1	1	1	-
Franklin,	5,136	-	-	-	-	-	-	1	-	1	-
Holbrook,	2,298	-	-	-	1	-	-	-	-	-	-
Hyde Park,	11,826	-	-	-	7	-	3	-	2	-	-
Medfield,	1,872	-	-	-	-	-	-	-	2	-	-
Medway,	2,913	-	-	-	-	-	-	-	2	-	-
Millis,	1,006	-	-	-	-	-	-	-	-	-	-
Milton,	5,518	-	-	-	-	-	-	1	-	-	-
Needham,	3,511	-	1	1	1	-	-	1	1	2	-
Norfolk,	882	-	-	-	-	-	-	-	1	-	-
Norwood,	4,574	-	-	-	-	-	-	-	-	-	-
Quincy,	20,712	-	4	-	2	2	1	2	4	1	-
Randolph,	3,694	-	-	-	1	1	1	-	2	-	-
Sharon,	1,717	-	-	-	3	-	-	-	2	1	-
Stoughton,	5,272	-	-	-	-	-	-	-	-	-	-
Walpole,	2,994	-	-	-	-	-	-	-	-	-	-
Wellesley,	4,229	-	-	-	-	-	-	-	1	-	-
Westwood,	-	-	-	-	-	-	-	-	-	1	-
Weymouth,	11,291	-	-	-	1	-	-	-	3	1	-
Wrentham,	2,584	-	-	-	1	-	-	1	1	-	-
PLYMOUTH CO.,	101,498	-	1	1	6	5	-	6	21	-	-
Abington,	4,207	-	-	-	1	1	-	-	-	-	-
Bridgewater,	4,686	-	-	-	-	-	-	1	-	-	-
Brockton,	33,165	-	1	1	1	2	-	1	4	-	-
Carver,	1,016	-	-	-	-	-	-	-	2	-	-
Duxbury,	1,966	-	-	-	-	-	-	-	-	-	-
East Bridgewater,	2,894	-	-	-	-	-	-	-	-	-	-
Halifax,	497	-	-	-	-	-	-	-	-	-	-
Hanover,	2,051	-	-	-	-	-	-	-	-	-	-
Hanson,	1,380	-	-	-	-	-	-	-	2	-	-
Hingham,	4,819	-	-	-	4	-	-	1	-	-	-
Hull,	1,044	-	-	-	-	-	-	-	-	-	-
Kingston,	1,746	-	-	-	-	-	-	-	1	-	-
Lakeville,	870	-	-	-	-	-	-	-	1	-	-
Marion,	759	-	-	-	-	-	-	-	-	-	-
Marshfield,	1,760	-	-	-	-	-	-	-	-	-	-
Mattapoisett,	1,032	-	-	-	-	-	-	-	-	-	-
Middleborough,	6,689	-	-	-	-	1	-	-	-	-	-
Norwell,	1,540	-	-	-	-	1	-	-	-	-	-
Pembroke,	1,223	-	-	-	-	-	-	-	-	-	-
Plymouth,	7,957	-	-	-	-	-	-	-	4	-	-
Plympton,	549	-	-	-	-	-	-	-	-	-	-
Rochester,	1,021	-	-	-	-	-	-	-	-	-	-
Rockland,	5,523	-	-	-	-	-	-	1	4	-	-
Scituate,	2,246	-	-	-	-	-	-	-	-	-	-
Wareham,	3,367	-	-	-	-	-	-	2	2	-	-
West Bridgewater,	1,747	-	-	-	-	-	-	-	-	-	-
Whitman,	5,744	-	-	-	-	-	-	-	1	-	-
SUFFOLK CO.,	539,799	-	40	40	170	108	19	82	188	33	1
Boston,	496,920	-	37	38	166	102	13	71	178	32	-
Chelsea,	31,264	-	3	2	3	5	5	9	8	1	-
Revere,	7,423	-	-	-	1	-	1	2	2	-	-
Winthrop,	4,192	-	-	-	-	1	-	-	-	-	1

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
-	-	-	-	-	-	6	2	-	8	-	4	-	-	-	-	-
1	-	-	5	1	2	17	1	3	17	-	7	-	-	-	-	-
-	-	-	2	-	-	2	-	-	3	-	1	-	-	-	-	-
2	-	-	1	-	1	5	4	2	7	1	2	-	-	-	-	-
-	6	-	1	-	-	8	4	-	3	-	1	-	-	-	-	-
-	-	-	-	-	-	7	4	-	2	-	1	-	-	-	-	-
1	1	1	4	-	-	17	5	9	15	2	11	-	-	1	-	-
-	-	-	-	-	-	9	10	1	1	1	1	-	-	-	-	-
-	1	-	2	-	-	2	5	-	7	-	3	-	-	-	-	-
1	-	-	-	-	-	2	1	-	2	-	1	-	-	-	-	-
1	1	2	3	-	-	3	1	-	15	1	-	-	-	2	-	-
-	-	1	2	-	-	4	2	2	4	1	3	-	-	-	-	-
-	1	-	2	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	1	2	-	1	6	3	-	3	-	3	-	-	-	-	-
3	-	-	9	1	-	33	10	8	32	1	19	1	1	3	-	-
-	2	-	1	-	-	5	7	-	11	-	2	-	-	-	-	-
-	-	-	2	-	-	10	2	-	2	1	6	-	-	-	-	-
-	6	-	8	-	-	15	3	-	5	-	8	-	-	-	-	-
-	-	-	-	-	-	4	-	-	3	-	3	-	-	-	-	-
-	-	-	-	-	-	4	-	2	3	1	1	-	-	1	-	-
-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-
-	1	1	3	-	-	24	14	7	13	-	5	-	-	-	-	-
-	2	2	-	-	-	3	4	2	1	-	2	-	-	-	-	-
7	13	15	52	-	5	197	117	39	98	5	82	2	-	21	-	-
-	-	-	1	-	-	8	4	2	3	-	-	-	-	1	-	-
-	-	2	1	-	1	24	9	3	8	-	5	-	-	2	-	-
4	3	2	19	-	3	66	35	7	39	4	5	-	-	6	-	-
-	-	-	1	-	-	5	1	-	-	-	1	-	-	1	-	-
-	1	-	1	-	-	-	4	2	-	-	4	-	-	1	-	-
-	-	-	3	-	-	9	5	-	2	-	1	-	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	2	-	-	-	-	-
-	2	-	4	-	-	2	4	-	3	-	6	-	-	-	-	-
1	-	-	-	-	-	4	4	2	-	-	1	-	-	1	-	-
-	1	2	6	-	-	8	7	3	3	-	1	-	-	2	-	-
-	1	-	-	-	-	2	-	1	1	-	16	-	-	-	-	-
-	-	-	-	-	-	1	1	-	3	-	-	-	-	-	-	-
-	-	1	1	-	-	1	3	1	1	-	2	-	-	-	-	-
-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	3	7	4	2	-	9	1	-	1	-	-
-	1	1	2	-	-	1	2	-	2	-	3	-	-	-	-	-
1	-	-	1	-	-	5	5	4	6	-	3	-	-	2	-	-
-	-	1	-	-	-	3	2	-	-	-	4	-	-	-	-	-
-	1	2	-	-	-	2	1	-	2	1	1	-	-	-	-	-
1	-	-	2	-	-	9	4	5	1	-	5	1	-	2	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
-	-	-	1	-	1	14	6	-	7	-	-	-	-	-	-	-
-	-	1	3	-	-	3	3	1	1	-	7	-	-	-	-	-
-	1	1	4	-	-	6	2	3	3	-	4	-	-	1	-	-
-	1	1	1	-	-	1	-	1	4	-	1	-	-	1	-	-
-	-	1	1	-	-	17	7	-	4	-	-	-	-	-	-	-
82	49	145	471	18	69	1,535	437	414	1,312	72	546	12	2	89	-	-
82	43	133	432	17	69	1,442	405	391	1,240	66	512	12	2	87	-	-
-	5	9	26	-	-	77	27	20	52	5	24	-	-	2	-	-
-	-	2	10	-	-	5	4	2	13	1	6	-	-	-	-	-
-	1	1	3	1	-	11	1	1	7	-	4	-	-	-	-	-

TABLE XI. — Concluded.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping-cough.	Typhoid Fever	Erysipelas.	Metritis (Puerperal Fever.)
WORCESTER Co.,	306,445	-	10	25	62	19	20	48	72	21	3
Ashburnham,	2,148	-	-	-	-	-	-	-	-	-	-
Athol,	7,364	-	-	-	-	1	-	1	3	-	-
Auburn,	1,598	-	-	-	1	-	-	-	1	-	-
Barre,	2,278	-	-	-	-	-	1	-	1	-	-
Berlin,	897	-	-	-	1	-	-	-	-	-	-
Blackstone,	6,039	-	1	-	-	1	-	2	-	-	-
Bolton,	797	-	-	-	1	-	-	-	-	-	-
Boylston,	729	-	-	-	2	-	-	-	-	-	-
Brookfield,	3,279	-	-	-	1	-	-	-	1	-	-
Charlton,	1,877	-	-	-	-	-	-	-	1	-	-
Clinton,	11,497	-	-	-	2	-	1	-	8	-	-
Dana,	717	-	-	-	1	-	-	-	1	-	-
Douglas,	2,026	-	-	2	-	-	-	1	-	-	-
Dudley,	3,203	-	-	2	-	-	-	4	1	-	-
Fitchburg,	26,409	-	-	1	-	3	1	7	4	-	-
Gardner,	9,182	-	-	1	-	-	2	-	1	-	-
Grafton,	5,101	-	-	-	-	1	1	2	2	-	-
Hardwick,	2,655	-	-	-	-	-	-	1	-	-	1
Harvard,	1,162	-	-	-	1	-	-	-	-	-	-
Holden,	2,602	-	-	-	-	-	-	-	2	-	-
Hopedale,	1,377	-	-	-	1	-	1	-	1	1	-
Hubbardston,	1,274	-	-	-	-	-	-	-	-	-	-
Lancaster,	2,180	-	-	-	-	-	-	-	1	-	-
Leicester,	3,239	-	-	-	-	-	-	-	1	-	-
Leominster,	9,211	-	-	1	-	-	2	2	2	-	-
Lunenburg,	1,237	-	-	-	-	-	-	-	-	-	-
Mendon,	889	-	-	-	-	-	-	-	-	-	-
Milford,	8,959	-	-	-	1	2	-	-	4	1	-
Millbury,	5,222	-	-	1	-	-	-	-	-	2	-
New Braintree,	542	-	-	-	-	-	-	-	-	-	-
North Brookfield,	4,635	-	-	4	6	-	-	-	-	1	-
Northborough,	1,940	-	-	-	-	-	1	-	-	-	-
Northbridge,	5,286	-	-	1	2	1	3	1	2	-	1
Oakham,	605	-	-	-	-	-	-	-	-	-	-
Oxford,	2,390	-	-	-	1	-	-	-	-	-	-
Paxton,	426	-	-	-	-	-	-	-	-	-	-
Petersham,	952	-	-	-	-	-	-	-	-	-	-
Phillipston,	460	-	-	-	-	-	-	-	2	-	-
Princeton,	952	-	-	-	-	-	-	-	-	-	-
Royalston,	890	-	2	-	3	-	-	1	1	-	-
Rutland,	978	-	-	-	-	-	-	-	-	-	-
Shrewsbury,	1,524	-	-	-	-	-	-	-	-	-	-
Southborough,	2,223	-	-	-	-	-	-	-	-	-	-
Southbridge,	8,250	-	1	-	3	-	1	1	4	-	-
Spencer,	7,614	-	-	-	1	-	-	2	1	1	-
Sterling,	1,218	-	-	-	-	-	-	-	-	-	-
Sturbridge,	1,910	-	1	-	1	-	-	1	-	-	-
Sutton,	3,420	-	1	-	1	-	-	-	2	-	-
Templeton,	2,915	-	-	-	-	-	-	-	-	-	-
Upton,	2,150	-	-	-	-	-	-	-	-	-	-
Uxbridge,	3,546	-	-	-	-	-	-	-	-	-	-
Warren,	4,430	-	-	2	-	-	-	1	-	-	-
Webster,	7,799	-	3	3	-	-	3	2	5	2	-
West Boylston,	2,968	-	-	-	-	-	-	-	-	-	-
West Brookfield,	1,467	-	-	-	-	-	-	-	-	-	-
Westborough,	5,235	-	-	-	-	-	-	-	1	-	-
Westminster,	1,315	-	-	-	-	-	-	-	-	-	-
Winchendon,	4,490	-	-	2	-	-	-	-	1	-	-
Worcester,	98,767	-	1	5	32	10	3	19	18	13	1

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.	Battle.
29	37	64	304	5	11	586	223	178	467	23	225	6	2	36	-	1
-	-	-	-	-	-	-	2	-	4	-	1	-	-	1	-	-
2	2	1	3	-	-	7	2	-	6	-	3	-	-	-	-	-
1	2	-	1	-	-	-	1	2	3	-	1	-	-	-	-	-
1	-	-	-	1	-	4	3	-	3	-	1	-	-	-	-	-
-	-	1	-	-	-	3	1	-	2	-	-	-	-	-	-	-
-	5	1	3	-	-	17	3	6	11	1	7	1	-	2	-	-
-	-	-	-	-	-	3	1	-	-	-	1	-	-	-	-	-
-	1	-	1	-	-	6	-	1	2	-	-	-	-	-	-	-
-	-	1	1	-	-	5	3	1	1	-	6	3	-	1	-	-
-	-	-	2	-	-	1	1	3	3	1	1	-	-	-	-	-
2	3	3	10	-	-	17	9	8	25	-	10	-	-	1	-	-
-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
2	-	-	-	-	1	4	2	3	2	-	1	-	-	-	-	-
-	-	1	13	-	-	3	3	3	5	-	4	-	-	-	-	-
6	1	4	33	-	1	41	9	16	21	2	27	-	-	-	-	-
-	-	2	11	-	-	15	4	2	4	-	4	-	-	-	-	-
-	1	1	6	-	-	7	1	4	5	-	5	1	-	-	-	-
-	-	-	1	-	-	6	2	1	8	-	3	-	-	-	-	-
-	-	-	4	-	-	2	2	-	-	-	2	-	-	-	-	-
-	1	-	1	-	-	4	5	-	-	-	3	-	-	1	-	-
-	-	1	-	-	-	3	-	-	3	-	-	-	-	-	-	-
-	-	-	2	-	-	-	2	-	5	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	-	5	-	-	-	-	-	-	-
-	-	-	-	-	-	6	3	1	1	-	3	-	-	-	-	-
1	1	2	4	-	-	11	2	4	7	5	6	-	-	6	-	-
-	-	-	1	-	1	4	2	-	1	-	2	-	-	1	-	-
-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-
-	-	2	3	1	-	25	6	1	16	-	1	-	-	-	-	-
-	1	2	3	-	-	11	5	6	4	1	2	-	-	1	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
-	1	-	4	-	-	13	3	2	2	-	-	-	-	-	-	-
-	-	-	-	-	-	3	-	1	1	-	2	-	-	-	-	-
-	1	2	9	-	-	9	1	4	12	-	1	-	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	1	-	-	1	-	-
-	-	-	1	-	1	4	2	2	1	-	3	-	-	-	-	-
-	-	-	1	-	-	1	1	1	1	-	-	-	-	-	-	-
-	-	-	1	-	-	1	1	-	1	-	-	-	-	-	-	-
-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	1	-	-	-	2	1	-	2	-	-	-	-	-	-	-
-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	3	1	-	1	-	-	-	-	1	-	-
-	-	-	-	-	-	2	3	-	4	-	2	-	-	-	-	-
-	-	-	20	-	-	24	3	7	8	1	2	1	-	-	-	-
2	-	-	4	-	-	17	4	-	6	-	4	-	-	-	-	-
-	-	-	1	-	1	1	1	2	-	-	1	-	-	-	-	-
-	-	-	2	-	-	1	2	1	6	-	1	-	-	-	-	-
-	-	-	7	-	-	6	5	-	6	-	2	-	-	-	-	-
-	2	1	4	-	-	6	-	-	8	1	-	-	-	-	-	-
1	2	-	1	-	-	7	1	1	2	-	1	-	-	2	-	-
-	1	1	1	-	-	5	3	-	1	-	2	-	-	-	-	-
1	-	1	-	-	-	5	4	1	5	-	2	-	-	-	-	-
-	1	1	21	-	-	11	3	2	8	1	1	-	-	-	-	-
1	-	-	11	-	-	4	1	-	4	-	4	-	-	-	-	-
-	-	1	-	-	-	5	-	-	2	-	4	-	-	-	-	-
-	-	2	1	-	1	9	4	5	9	-	4	-	-	2	-	-
-	-	-	-	-	-	2	3	1	3	-	2	-	-	-	-	-
-	-	10	5	-	-	8	10	1	5	-	1	-	-	-	-	-
9	9	20	107	3	5	226	90	84	220	10	91	-	2	15	-	1

TABLE XII. — *Aged One Hundred Years or More. — Died in 1898.*

Date.	NAME.	Age. Yrs.	Age. Mos.	Place of Birth.	Place of Death.	Whether Married.
Jan. 25,	Mary Vickers (m. n. Caulis),	100	5	Smithfield, R. I.,	Oxford,	Widow.
March 15,	Aurelia Fuller (m. n. Meiggs),	100	7	Sandwich,	Sandwich,	Widow.
March 15,	Hugh Baxter,	100	–	Ireland,	North Attleborough,	Widower.
April 14,	Fannie Tyes (m. n. Hathon),	100	–	Greenville Co., Va.,	Williamstown,	Widow.
May 11,	Lucy W. Delano,	100	5	Duxbury,	Duxbury,	Single.
May 20,	Mary Pereira (m. n. Isabel),	100	–	Fayal, Azores,	New Bedford,	Widow.
June 10,	James Cook,	101	–	Italy,	Chelsea,	Widower.
June 21,	Mary W. Fullerton (m. n. Wiggin),	102	–	Tuftonboro, N. H.,	Boston,	Widow.
June 24,	Richard Drew,	100	–	Ireland,	Pittsfield,	Married.
July 4,	Nancy W. Killburn (m. n. Wood),	102	11	Westminster,	Worcester,	Widow.
Aug. 20,	Peter Kelly,	100	–	Ireland,	Pittsfield,	Widower.
Sept. 11,	Sarah McNeil (m. n. McLean),	100	–	New Brunswick,	Boston,	Widow.
Oct. 3,	Betsey Barker (m. n. Brooks),	100	4	Grafton,	Grafton,	Widow.
Oct 10,	James Goldsbury,	101	7	Warwick,	Warwick,	Widower.
Nov. 5,	Ann Macomber (m. n Corey),	100	9	Tiverton, R. I.,	Westport,	Widow.
Nov. 5,	Ellen Nugent (m. n Moran),	100	–	Ireland,	Hopkinton,	Widow.
Dec. 20,	Martha Leonard (m. n. Spinney),	102	6	Taunton,	Dighton,	Widow.

DIVORCES IN MASSACHUSETTS.

1898.

Divorces. — The State and Counties. — (*By Statute Causes*). — 1898.

Distinguishing, by Sex, the Libellants; Libels Contested and Uncontested; Number of Years Married; and Divorces Granted and Refused.

STATE,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	2,273
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	564
	" " filed during the year 1898,	1,595
	" " in which decrees *nisi* were entered during the year 1898,	1,196
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	1,115
	Number of cases finally determined in 1898,	1,853

Causes.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	400	Males,	231	172	59	130	4	97	5	1	57	82	70	14	2	3,667	*9·26
		Fem.,	169	145	24	113	–	56	–	–	42	45	66	14	2		
Cruel and abusive treatment,	289	Males,	15	11	4	7	1	7	–	–	3	7	5	–	–	2,690	9·31
		Fem.,	274	230	44	177	–	97	1	–	79	83	82	23	6		
Desertion,	707	Males,	284	238	46	191	4	89	–	–	31	89	109	42	13	9,177	12·98
		Fem.,	423	403	20	309	1	113	–	–	40	134	168	59	22		
Extreme cruelty,	83	Males,	2	1	1	–	–	2	–	–	1	–	1	–	–	746	8·99
		Fem.,	81	61	20	30	2	49	–	–	23	27	23	7	1		

Imprisonment,	12	Fem.,	12	11	1	6	–	6	1	–	3	3	4	1	–	110	†10·00
Impotency,	5	Fem.,	5	4	1	5	–	–	–	1	1	2	1	–	–	34	6·80
Intoxication,	246	Males,	65	48	17	32	1	32	–	–	15	27	15	3	5	2,916	‡11·90
		Fem.,	181	162	19	118	1	62	1	–	21	57	72	21	9		
Non-support,	85	Fem.,	85	76	9	58	1	26	–	–	26	23	28	8	–	768	9·04
Nullity of marriage,	16	Males,	8	4	4	1	–	7	3	1	2	1	–	1	–	71	§5·46
		Fem.,	8	7	1	5	–	3	1	–	3	3	1	–	–		
Totals,¶	1,843	Males,	605	474	131	361	10	234	8	2	109	206	200	60	20	20,179	‖11·00
		Fem.,	1,238	1,099	139	821	5	412	4	1	238	377	445	133	40		

* Aggregate and average of 396 cases. † Aggregate and average of 11 cases. ‡ Aggregate and average of 245 cases.
§ Aggregate and average of 13 cases. ‖ Aggregate and average of 1,834 cases.
¶ Three cases transferred from Suffolk to Middlesex; one case transferred from Suffolk to Worcester; six cases probate appeals.

Divorces, 1898 — Continued.

BARNSTABLE CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	23
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	16
	" " filed during the year 1898,	15
	" " in which decrees *nisi* were entered during the year 1898,	13
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	18
	Number of cases finally determined in 1898,	20

Causes.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	3	Males,	1	1	–	1	–	–	–	–	–	1	–	–	–	36	12·00
		Fem.,	2	1	1	2	–	–	–	–	1	–	1	–	–		
Cruel and abusive treatment,	3	Males,	1	–	1	–	1	–	–	–	1	–	–	–	–	25	8·33
		Fem.,	2	1	1	2	–	–	–	–	–	1	1	–	–		
Desertion,	11	Males,	6	5	1	6	–	–	–	–	1	–	4	–	1	151	13·73
		Fem.,	5	4	1	4	–	1	–	–	1	1	3	–	–		
Extreme cruelty,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	8	8·00
Intoxication,	2	Fem.,	2	2	–	2	–	–	–	–	–	–	2	–	–	21	10·55
Totals,	20	Males,	8	6	2	7	1	–	–	–	2	1	4	–	1	241	12·05
		Fem.,	12	9	3	11	–	1	–	–	2	3	7	–	–		

BERKSHIRE CO.,

Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	99
" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	28
" " filed during the year 1898,	54
" " in which decrees *nisi* were entered during the year 1898,	38
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	42
Number of cases finally determined in 1898,	85

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	15	Males,	11	7	4	4	–	7	–	–	3	7	1	–	–	88	5·87
		Fem.,	4	4	–	4	–	–	–	–	1	3	–	–	–		
Cruel and abusive treatment,	27	Fem.,	27	22	5	10	–	17	–	–	9	7	6	2	3	315	11·67
Desertion,	26	Males,	11	11	–	7	–	4	–	–	1	4	4	2	–	325	12·50
		Fem.,	15	14	1	8	–	7	–	–	4	2	6	2	1		
Extreme cruelty,	2	Fem.,	2	2	–	1	–	1	–	–	–	–	2	–	–	25	12·50
Imprisonment,	2	Fem.,	2	2	–	–	–	2	–	–	–	–	2	–	–	27	13·50
Intoxication,	10	Males,	1	1	–	–	–	1	–	–	–	–	1	–	–	89	8·90
		Fem.,	9	8	1	8	–	1	–	–	3	4	–	2	–		
Non-support,	2	Fem.,	2	2	–	–	–	2	–	–	–	1	–	1	–	36	18·00
Nullity of marriage,	1	Fem.,	1	1	–	–	–	1	–	–	–	1	–	–	–	5	5·00
Totals,	85	Males,	23	19	4	11	–	12	–	–	4	11	6	2	–	910	10·71
		Fem.,	62	55	7	31	–	31	–	–	17	18	16	7	4		

Divorces, 1898 — Continued.

BRISTOL CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	159
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	41
	" " filed during the year 1898,	104
	" " in which decrees *nisi* were entered during the year 1898,	81
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	86
	Number of cases finally determined in 1898,	98

Causes.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	25	Males,	16	13	3	15	–	1	–	–	3	6	4	3	–	267	10·68
		Fem.,	9	9	–	9	–	–	–	–	3	3	1	2	–		
Cruel and abusive treatment,	19	Males,	1	1	–	–	–	1	–	–	1	–	–	–	–	150	7·89
		Fem.,	18	16	2	18	–	–	–	–	5	7	5	1	–		
Desertion,	31	Males,	11	8	3	6	2	3	–	–	2	3	3	2	1	347	11·19
		Fem.,	20	20	–	19	–	1	–	–	–	10	9	1	–		
Extreme cruelty,	2	Fem.,	2	2	–	1	–	1	–	–	–	–	1	1	–	35	17·50
Impotency,	1	Fem.,	1	1	–	1	–	–	–	1	–	–	–	–	–	1	1·00
Intoxication,	15	Males,	7	5	2	6	–	1	–	–	2	2	2	1	–	168	11·20
		Fem.,	8	7	1	8	–	–	–	–	–	5	2	–	1		

Non-support, . .	4	Fem., .	4	4	–	4	–	–	–	–	2	1	1	–	–	23	5·75
Nullity of marriage,	1	Fem., .	1	1	–	1	–	–	1	–	–	–	–	–	–	–	–
Totals, . .	98	Males,	35	27	8	27	2	6	–	–	8	11	9	6	1	*991	10·22
		Fem.,	63	60	3	61	–	2	1	1	10	26	19	5	1		

* Aggregate and average of 97 cases.

DUKES CO.,

Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not), ...	4
" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date, ...	–
" " filed during the year 1898, ...	2
" " in which decrees *nisi* were entered during the year 1898, ...	2
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898, ...	2
Number of cases finally determined in 1898, ...	2

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Desertion, . .	1	Fem., .	1	1	–	1	–	–	–	–	–	1	–	–	–	7	7·00
Extreme cruelty, .	1	Fem., .	1	1	–	1	–	–	–	–	–	1	–	–	–	8	8·00
Totals, . .	2	Fem., .	2	2	–	2	–	–	–	–	–	2	–	–	–	15	7·50

Divorces, 1898 — Continued.

ESSEX CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	501
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	134
	" " filed during the year 1898,	210
	" " in which decrees *nisi* were entered during the year 1898,	172
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	162
	Number of cases finally determined in 1898,	528

Causes.	Libellants. No.	Sex.		Not contested.	Contested.	Divorce. Granted.	Refused.	Discontinued or Dismissed.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	126	Males,	74	54	20	24	–	50	1	1	18	26	22	4	2	1,077	8·55
		Fem.,	52	43	9	21	–	31	–	–	15	12	19	5	1		
Cruel and abusive treatment,	76	Males,	3	1	2	1	–	2	–	–	1	1	1	–	–	548	7·21
		Fem.,	73	55	18	31	–	42	1	–	26	19	23	4	–		
Desertion,	201	Males,	75	53	22	21	1	53	–	–	6	25	29	11	4	2,767	13·77
		Fem.,	126	120	6	53	–	73	–	–	9	35	50	27	5		
Extreme cruelty,	35	Males,	1	–	1	–	–	1	–	–	–	–	1	–	–	274	7·83
		Fem.,	34	22	12	1	1	32	–	–	14	11	5	4	–		
Imprisonment,	4	Fem.,	4	3	1	–	–	4	–	–	2	1	1	–	–	25	6·25
Intoxication,	66	Males,	18	12	6	–	–	18	–	–	4	8	4	–	2	830	12·58
		Fem.,	48	41	7	14	–	34	–	–	3	13	24	5	3		
Non-support,	20	Fem.,	20	15	5	7	–	13	–	–	10	4	5	1	–	134	6·70
Totals,	528	Males,	171	120	51	46	1	124	1	1	29	60	57	15	8	5,655	10·71
		Fem.,	357	299	58	127	1	229	1	–	79	95	127	46	9		

FRANKLIN CO.,

Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	41
" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	20
" " filed during the year 1898,	25
" " in which decrees *nisi* were entered during the year 1898,	20
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	21
Number of cases finally determined in 1898,	26

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Divorce. Discontinued or Dismissed.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	3	Males,	2	1	1	1	–	1	–	–	1	–	–	1	–	55	18·33
		Fem.,	1	–	1	–	–	1	–	–	–	–	–	1	–		
Cruel and abusive treatment,	3	Fem.,	3	3	–	2	–	1	–	–	2	–	1	–	–	21	7·00
Desertion,	17	Males,	5	5	–	3	–	2	–	–	1	–	3	1	–	234	13·76
		Fem.,	12	12	–	12	–	–	–	–	–	5	4	1	2		
Intoxication,	3	Fem.,	3	3	–	3	–	–	–	–	–	2	1	–	–	30	10·00
Totals,	26	Males,	7	6	1	4	–	3	–	–	2	–	3	2	–	340	13·08
		Fem.,	19	18	1	17	–	2	–	–	2	7	6	2	2		

Divorces, 1898 — Continued.

HAMPDEN CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	147
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	29
	" " filed during the year 1898,	98
	" " in which decrees *nisi* were entered during the year 1898,	87
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	76
	Number of cases finally determined in 1898,	88

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Divorce. Discontinued or Dismissed.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	16	Males,	11	11	–	8	–	3	1	–	2	5	2	1	–	*172	11·47
		Fem.,	5	5	–	4	–	1	–	–	1	1	2	–	1		
Cruel and abusive treatment,	14	Males,	1	1	–	1	–	–	–	–	–	–	1	–	–	165	11·79
		Fem.,	13	12	1	10	–	3	–	–	2	4	5	2	–		
Desertion,	32	Males,	17	17	–	17	–	–	–	–	3	6	6	2	–	366	11·44
		Fem.,	15	15	–	15	–	–	–	–	–	3	10	2	–		
Extreme cruelty,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	6	6·00
Imprisonment,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	9	9·00
Intoxication,	14	Males,	7	7	–	5	–	2	–	–	2	4	1	–	–	140	10·00
		Fem.,	7	7	–	5	–	2	–	–	1	3	1	1	1		
Non-support,	10	Fem.,	10	10	–	9	–	1	–	–	1	3	4	2	–	125	12·50
Totals,	88	Males,	36	36	–	31	–	5	1	–	7	15	10	3	–	†983	11·30
		Fem.,	52	51	1	45	–	7	–	–	5	16	22	7	2		

* Aggregate and average of 15 cases.

† Aggregate and average of 87 cases.

HAMPSHIRE CO.,

Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	21
" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	8
" " filed during the year 1898,	19
" " in which decrees *nisi* were entered during the year 1898,	16
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	15
Number of cases finally determined in 1898,	16

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	5	Males,	1	1	–	1	–	–	–	–	1	–	–	–	–	59	11·80
		Fem.,	4*	3	1	3	–	1	–	–	–	1	2	1	–		
Cruel and abusive treatment,	2	Fem.,	2	2	–	2	–	–	–	–	–	1	1	–	–	20	10·00
Desertion,	3	Males,	1	1	–	1	–	–	–	–	1	–	–	–	–	40	13·33
		Fem.,	2	2	–	2	–	–	–	–	–	1	–	–	1		
Impotency,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	9	9·00
Intoxication,	5	Fem.,	5	5	–	5	–	–	–	–	2	1	1	–	1	59	11·80
Totals,	16	Males,	2	2	–	2	–	–	–	–	2	–	–	–	–	187	11·69
		Fem.,	14	13	1	13	–	1	–	–	2	5	4	1	2		

* District attorney notified in one case.

Divorces, 1898 — Continued.

MIDDLESEX CO.,

Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	324
" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	93
" " filed during the year 1898,	294
" " in which decrees *nisi* were entered during the year 1898,	227
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	203
Number of cases finally determined in 1898,	235

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Divorce. Discontinued or Dismissed.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	53	Males,	31	25	6	21	4	6	–	–	8	9	12	2	–	564	10·64
		Fem.,	22	22	–	22	–	–	–	–	1	8	10	3	–		
Cruel and abusive treatment,	22	Males,	3	3	–	2	–	1	–	–	–	2	1	–	–	195	8·86
		Fem.,	19	17	2	16	–	3	–	–	7	7	4	1	–		
Desertion,	86	Males,	28	27	1	27	1	–	–	–	–	12	11	4	1	1,110	12·91
		Fem.,	58	58	–	54	1	3	–	–	5	21	23	5	4		
Extreme cruelty,	24	Fem.,	24	21	3	18	1	5	–	–	6	7	9	1	1	240	10·00
Imprisonment,	1	Fem.,	1	1	–	1	–	–	1	–	–	–	–	–	–	–	–
Intoxication,	37	Males,	7	5	2	4	1	2	–	–	–	2	4	–	1	477	12·89
		Fem.,	30	28	2	27	1	2	–	–	3	7	16	3	1		
Non-support,	12	Fem.,	12	11	1	10	1	1	–	–	1	2	8	1	–	132	11·00
Totals,	235	Males,	69	60	9	54	6	9	–	–	8	25	28	6	2	*2,718	11·62
		Fem.,	166	158	8	148	4	14	1	–	23	52	70	14	6		

* Aggregate and average of 234 cases.

NANTUCKET CO.,

Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	3
" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	–
" " filed during the year 1898,	2
" " in which decrees *nisi* were entered during the year 1898,	–
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	2
Number of cases finally determined in 1898,	3

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Cruel and abusive treatment,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	5	5·00
Desertion,	1	Fem.,	1	1	–	–	–	1	–	–	–	–	–	–	1	32	32·00
Intoxication,	1	Fem.,	1	1	–	1	–	–	–	–	–	–	–	1	–	25	25·00
Totals,	3	Fem.,	3	3	–	2	–	1	–	–	–	1	–	1	1	62	20·67

Divorces, 1898 — Continued.

NORFOLK CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	103
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	16
	" " filed during the year 1898,	60
	" " in which decrees *nisi* were entered during the year 1898,	40
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	35
	Number of cases finally determined in 1898,	44

Causes.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	10	Males,	2	2	–	2	–	–	–	–	–	1	1	–	–	89	8·90
		Fem.,	8	7	1	5	–	3	–	–	2	1	5	–	–		
Cruel and abusive treatment,	11	Males,	1	1	–	–	–	1	–	–	–	–	1	–	–	142	12·91
		Fem.,	10	8	2	9	–	1	–	–	1	1	6	2	–		
Desertion,	21	Males,	12	12	–	10	–	2	–	–	–	5	5	1	1	299	14·24
		Fem.,	9	9	–	7	–	2	–	–	–	3	5	–	1		
Intoxication,	1	Fem.,	1	1	–	1	–	–	–	–	–	–	1	–	–	19	19·00
Non-support,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	8	8·00
Totals,	44	Males,	15	15	–	12	–	3	–	–	–	6	7	1	1	557	12·66
		Fem.,	29	26	3	23	–	6	–	–	3	6	17	2	1		

PLYMOUTH CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	46
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	20
	" " filed during the year 1898,	75
	" " in which decrees *nisi* were entered during the year 1898,	52
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	54
	Number of cases finally determined in 1898,	59

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	12	Males,	9	7	2	8	–	1	–	–	1	4	3	1	–	138	11·50
		Fem.,	3	2	1	2	–	1	–	–	–	1	2	–	–		
Cruel and abusive treatment,	11	Fem.,	11	11	–	11	–	–	–	–	4	1	5	1	–	104	9·45
Desertion,	30	Males,	14	10	4	13	–	1	–	–	3	3	4	3	1	378	12·60
		Fem.,	16	15	1	15	–	1	–	–	2	5	7	1	1		
Intoxication,	1	Males,	1	1	–	1	–	–	–	–	–	1	–	–	–	6	6·00
Non-support,	5	Fem.,	5	5	–	5	–	–	–	–	–	1	2	2	–	75	15·00
Totals,	59	Males,	24	18	6	22	–	2	–	–	4	8	7	4	1	701	11·88
		Fem.,	35	33	2	33	–	2	–	–	6	8	16	4	1		

Divorces, 1898 — Continued.

SUFFOLK CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	606
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	108
	" " filed during the year 1898,	464
	" " in which decrees *nisi* were entered during the year 1898,	327
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	331
	Number of cases finally determined in 1898,	405

Causes.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	92	Males,	53	38	15	41	–	12	2	–	14	17	19	1	–	763	*8·48
		Fem.,	39	33	6	35	–	4	–	–	15	8	15	1	–		
Cruel and abusive treatment,	59	Males,	5	4	1	3	–	2	–	–	–	4	1	–	–	523	8·86
		Fem.,	54	47	7	46	–	8	–	–	12	26	12	4	–		
Desertion,	160	Males,	67	60	7	58	–	9	–	–	7	23	24	13	–	1,968	12·30
		Fem.,	93	87	6	87	–	6	–	–	12	30	35	12	4		
Extreme cruelty,	4	Fem.,	4	2	2	1	–	3	–	–	–	3	1	–	–	37	9·25
Imprisonment,	4	Fem.,	4	4	–	4	–	–	–	–	1	1	1	1	–	49	12·

Impotency, . .	2	Fem.,.	2	1	1	2	–	–	–	–	1	–	1	–	–	15	7·50
Intoxication, . .	51	Males,	18	14	4	14	–	4	–	–	5	10	2	–	1	539	10·57
		Fem.,.	33	31	2	29	–	4	–	–	5	9	14	5	–		
Non-support, . .	16	Fem.,.	16	15	1	12	–	4	–	–	6	6	4	–	–	114	7·13
Nullity of marriage,	7	Males,	3	2	1	1	–	2	1	–	1	1	–	–	–	37	†6·17
		Fem.,.	4	3	1	3	–	1	–	–	1	2	1	–	–		
Totals,§ . .	395	Males,	146	118	28	117	–	29	3	–	27	55	46	14	1	4,045	‡10·32
		Fem.,.	249	223	26	219	–	30	–	–	53	85	84	23	4		

* Aggregate and average of 90 cases. † Aggregate and average of six cases. ‡ Aggregate and average of 392 cases.

§ Three cases to Middlesex; one case to Worcester; six probate appeals.

Divorces, 1898 — Concluded.

WORCESTER CO.,	Number of libels pending Jan. 1, 1898 (including all cases, whether decrees *nisi* had been entered or not),	196
	" " pending Jan. 1, 1898, in which decrees *nisi* had been entered at that date,	51
	" " filed during the year 1898,	173
	" " in which decrees *nisi* were entered during the year 1898,	121
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1898,	68
	Number of cases finally determined in 1898,	244

Causes.	Libellants.			Not contested.	Contested.	Divorce.			Number of Years Married.								
	No.	Sex.				Granted.	Refused.	Discontinued or Dismissed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggregate.	Average.
Adultery,	40	Males,	20	12	8	4	–	16	1	–	6	6	6	1	–	359	*9·21
		Fem.,	20	16	4	6	–	14	–	–	3	7	9	1	–		
Cruel and abusive treatment,	41	Fem.,	41	35	6	19	–	22	–	–	11	8	13	6	3	477	11·63
Desertion,	87	Males,	37	29	8	22	–	15	–	–	6	8	16	3	4	1,153	13·25
		Fem.,	50	45	5	32	–	18	–	–	7	17	16	8	2		
Extreme cruelty,	13	Males,	1	1	–	–	–	1	–	–	1	–	–	–	–	113	8·69
		Fem.,	12	9	3	5	–	7	–	–	3	3	5	1	–		
Impotency,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	9	9·00
Intoxication,	40	Males,	6	3	3	2	–	4	–	–	2	–	1	2	1	513	*13·15
		Fem.,	34	28	6	15	–	19	1	–	4	13	10	4	2		
Non-support,	15	Fem.,	15	13	2	10	–	5	–	–	6	4	4	1	–	121	8·07
Nullity of marriage,	7	Males,	5	2	3	–	–	5	2	1	1	–	–	1	–	29	†4·83
		Fem.,	2	2	–	1	–	1	–	–	2	–	–	–	–		
Totals,	244	Males,	69	47	22	28	–	41	3	1	16	14	23	7	5	2,774	‡11·51
		Fem.,	175	149	26	89	–	86	1	–	36	53	57	21	7		

* Aggregate and average of 39 cases. † Aggregate and average of six cases. ‡ Aggregate and average of 241 cases.

Medical Examiners' Returns.

1898.

MEDICAL EXAMINERS' RETURNS.

Table I. — By State and Counties.

Exhibiting the Number of Deaths from Accident or Negligence, Suicide, Homicide, and Other Causes in Each County, which have been Investigated during the Year 1898, under the Medical Examiner Laws.

	Percentage.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Number of deaths investigated,	100·00	2,648	80	70	272	18	308	43	186	39	443	4	131	99	644	311
Homicide.																
Totals,	2·98	79	–	4	2	–	8	2	4	–	12	–	4	3	24	16
Abortion,	–	13	–	1	–	–	–	1	1	–	3	–	–	–	6	1
Infanticide,	–	15	–	–	1	–	1	–	1	–	4	–	–	–	4	4
Weapons.																
Fire-arms,	–	24	–	3	–	–	2	1	2	–	2	–	4	–	6	4
Stabbing,	–	4	–	–	–	–	1	–	–	–	–	–	–	–	3	–
Poisons.																
Other methods,	–	23	–	–	1	–	4	–	–	–	3	–	–	3	5	7
Suicide.																
Totals,	12·50	331	3	6	18	–	34	4	19	2	66	2	13	18	105	41

Weapons.																
Fire-arms,	–	91	1	5	7	–	9	2	6	–	23	2	4	4	19	9
Other Weapons.																
Cutting throat, etc.,	–	25	–	–	1	–	3	–	1	–	8	–	1	1	7	3
Railroad,	–	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Asphyxia.																
Drowning,	–	38	1	–	1	–	7	–	1	–	7	–	2	2	11	6
Hanging,	–	53	1	1	5	–	8	1	4	1	9	–	3	5	8	7
Poisons,	–	88	–	–	3	–	7	1	7	1	15	–	3	4	34	13
Other methods,	–	35	–	–	1	–	–	–	–	–	3	–	–	2	26	3
ACCIDENT OR NEGLIGENCE.																
Totals,	45·09	1,194	65	42	89	14	135	20	66	22	157	2	58	58	330	136
Weapons.																
Fire-arms and other weapons,	–	17	–	–	2	–	4	1	2	–	1	–	–	1	4	2
Machinery (elevators, etc.),	–	28	–	3	–	–	–	–	2	–	4	–	1	–	15	3
Public travel (railroad and other vehicles, etc.),	–	351	2	16	23	–	34	8	25	11	57	1	25	5	93	51
Burns, scalds, and explosions,	–	87	2	3	7	–	5	1	1	4	9	–	2	4	32	17
Falls, blows and falling bodies,	–	142	1	3	7	1	14	2	6	1	20	–	8	2	60	17
Asphyxia.																
Drowning,	–	317	25	11	31	4	68	6	15	2	46	1	17	19	51	21
Other forms of asphyxia,	–	125	1	5	18	–	4	1	5	1	9	–	4	6	60	11
Poisons,	–	25	–	1	1	–	2	1	2	1	2	–	–	–	8	7
Weather agencies,	–	89	34	–	–	9	1	–	6	1	9	–	1	21	2	5
Other accidental causes,	–	13	–	–	–	–	3	–	2	1	–	–	–	–	5	2

TABLE I. — Concluded.

	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
CAUSES NOT DUE TO VIOLENCE.																
Alcoholism, ...	3.78	100	–	3	7	–	22	1	6	3	11	–	5	4	21	17
Natural causes, ...	32.97	873	12	15	150	4	85	13	90	10	178	–	46	13	160	97
Causes unknown or ill-defined, . .	2.68	71	–	–	6	–	24	3	1	2	19	–	5	3	4	4
AUTOPSIES, ...	–	230	1	7	11	–	21	1	14	1	37	–	4	4	97	32

Table II.—Causes of Deaths (*investigated by the Medical Examiners*).

Classified Arrangement,

Distinguishing by Months, by Age, and by Sex, the Number of Deaths and Causes of the Same, as returned by the Medical Examiners, for the Year

1898.

[Still-born included.]

DEATHS.		MONTHS.												AGES.												
Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 week to 1 year.	1 to 5 years.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Persons,	2,648	188	177	205	203	238	232	241	255	222	201	223	263	125	146	70	87	93	85	383	435	324	316	263	170	70	81
Males,	1,961	131	136	151	150	174	180	183	183	167	149	165	192	75	72	46	73	73	62	301	348	253	239	198	111	40	70
Females,	683	57	41	54	53	64	52	54	72	55	52	58	71	50	74	24	14	20	23	82	87	71	77	65	59	30	7
Unknown,	4	–	–	–	–	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS. Sex.	DEATHS. Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	AGES. Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
DEATHS FROM VIOLENCE.																												
CRIMINAL VIOLENCE.																												
I. HOMICIDE,	Totals,	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	43	5	3	4	1	4	6	5	4	3	4	1	3	5	-	-	-	2	2	6	9	8	8	2	-	-	1
	Fem.,	36	4	1	3	3	4	3	2	4	2	1	2	7	9	1	-	-	2	2	12	5	1	1	1	1	1	-
By weapons.																												
— Shooting,	Totals,	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	21	2	-	1	1	3	4	-	3	2	2	1	2	-	-	-	-	2	2	3	6	2	3	2	-	-	1
	Fem.,	3	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
— Stabbing,	Males,	4	-	1	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	1	1	1	1	-	-	-	-
— Other wounds: incised, crushing or otherwise,	Totals,	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	4	1	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-
	Fem.,	4	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-	-
By falls and blows,	Totals,	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	9	1	-	3	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	2	1	3	3	-	-	-	-
	Fem.,	4	-	-	-	1	-	1	-	-	1	-	1	-	-	-	-	-	-	1	-	-	-	1	-	1	1	-
By smothering and strangulation,	Fem.,	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-
Abortion,	Fem.,	13	1	1	1	1	2	-	-	2	-	1	1	3	-	-	-	-	-	1	10	2	-	-	-	-	-	-
Infanticide,	Totals,	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	5	1	2	-	-	-	1	-	-	-	1	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fem.,	10	-	-	1	1	2	-	1	1	1	-	-	3	9	1	-	-	-	-	-	-	-	-	-	-	-	-
VIOLENCE (NOT CRIMINAL).																												
II. SUICIDE,	Totals,	331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	251	18	14	25	22	30	25	18	20	22	21	18	18	-	-	-	-	-	8	41	52	45	50	30	14	7	4
	Fem.,	80	5	2	8	8	8	8	6	8	9	6	6	6	-	-	-	-	-	7	18	17	17	11	4	5	1	-

By weapons.																												
— Firearms,	Totals,	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	87	7	3	11	9	9	9	8	5	5	7	3	11	-	-	-	-	-	4	17	19	16	16	10	4	-	1
	Fem.,	4	-	1	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-
— Other weapons, cutting throat, etc,	Totals,	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	24	1	2	1	3	1	3	1	3	2	1	5	1	-	-	-	-	-	-	3	4	6	7	1	2	1	-
	Fem.,	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Railroad collision,	Fem,	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Leaps from heights,	Totals,	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	3	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1
	Fem.,	4	1	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-
Asphyxia.																												
— Drowning,	Totals,	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	23	-	1	2	1	4	1	1	5	3	3	2	-	-	-	-	-	-	1	3	5	1	8	1	3	1	-
	Fem.,	15	-	-	1	-	1	2	-	3	4	2	2	-	-	-	-	-	-	-	2	5	2	3	-	3	-	-
— Hanging,	Totals,	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	45	4	5	3	5	5	6	3	4	3	3	1	3	-	-	-	-	-	3	4	6	7	8	8	4	5	-
	Fem.,	8	1	-	-	2	1	-	-	-	1	1	1	1	-	-	-	-	-	-	-	2	2	2	2	-	-	-
— Illuminating gases,	Totals,	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	15	-	2	2	-	2	2	2	-	1	2	2	-	-	-	-	-	-	-	5	1	4	1	4	-	-	-
	Fem.,	13	-	1	1	3	1	1	1	-	3	-	-	2	-	-	-	-	-	-	3	4	3	2	1	-	-	-
Poisons.																												
— Arsenic and its compounds,	Totals,	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	9	-	-	2	-	3	1	1	-	-	1	1	-	-	-	-	-	-	-	2	1	4	1	1	-	-	-
	Fem.,	6	-	-	2	1	1	-	1	-	-	-	1	-	-	-	-	-	-	2	1	1	-	1	1	-	-	-
— Opium and its preparations,	Totals,	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	9	2	1	-	1	-	2	-	-	1	1	1	-	-	-	-	-	-	-	1	4	1	1	1	-	-	1
	Fem.,	4	-	-	1	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-
— Other poisons,	Totals,	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	26	2	-	4	2	4	1	2	2	5	-	2	2	-	-	-	-	-	-	5	8	4	4	3	1	-	1
	Fem.,	14	1	-	-	1	1	-	3	2	1	2	1	2	-	-	-	-	-	3	2	3	4	-	-	1	1	-
Other methods,	Totals,	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	10	2	-	-	1	1	-	-	-	1	3	1	1	-	-	-	-	-	-	1	4	1	3	1	-	-	-
	Fem.,	10	2	-	2	-	-	2	1	2	-	-	-	1	-	-	-	-	-	1	6	-	1	1	-	1	-	-

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS. Sex.	DEATHS. Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	AGES. Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
III. ACCIDENT OR NEGLIGENCE,	Totals,	1,194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	1,009	55	68	63	63	74	102	106	116	86	76	92	108	5	16	32	65	66	43	218	214	119	86	57	31	11	46
	Fem.,	185	18	10	10	16	13	12	19	28	11	11	17	20	4	23	17	10	12	13	21	23	15	20	11	10	5	1
Weapons.																												
—Firearms,	Totals,	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	13	-	1	-	1	2	1	2	2	1	1	2	-	-	-	-	-	3	4	2	2	-	-	2	-	-	-
	Fem.,	4	-	-	-	-	1	1	1	-	-	-	1	-	-	-	-	-	1	2	-	1	-	-	-	-	-	-
Machinery.																												
—Elevators,	Totals,	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	17	1	-	-	1	11	1	-	-	-	1	1	1	-	-	-	-	1	2	6	5	1	2	-	-	-	-
	Fem.,	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
—Other machinery,	Males,	10	-	1	-	3	2	1	2	1	-	-	-	-	-	-	-	-	-	-	3	1	1	1	2	1	-	1
Public travel.																												
—Railroad accidents,	Totals,	285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	258	21	17	17	22	17	26	18	35	27	21	15	22	-	-	3	13	11	6	70	58	33	29	17	10	1	7
	Fem.,	27	3	4	2	1	1	-	1	10	2	-	2	1	-	-	1	1	1	4	4	7	-	4	1	2	1	1
—Electric railroad,	Totals,	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	15	-	-	2	-	2	3	-	2	2	2	1	1	-	-	-	1	-	1	5	3	2	2	-	1	-	-
	Fem.,	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
—Other vehicles,	Totals,	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	37	1	3	3	2	2	5	2	5	6	6	1	1	-	-	3	5	1	-	6	3	7	3	5	4	-	-
	Fem.,	4	-	-	-	-	-	1	1	2	-	-	-	-	-	-	2	-	-	-	1	-	1	-	-	-	-	-
—Horses,	Males,	5	-	1	-	-	1	-	1	1	-	1	-	-	-	-	-	-	2	-	2	-	-	-	-	1	-	-
—Bicycle accident,	Males,	4	1	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-
Burns, scalds and explosions,	Totals,	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	47	6	3	2	4	1	4	3	1	4	4	5	10	-	-	9	1	1	-	5	12	8	4	2	2	-	3
	Fem.,	40	7	3	-	5	5	4	1	4	-	3	5	3	-	-	5	3	2	2	7	5	4	5	3	2	2	-

Falls and blows,	Totals,	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	86	5	7	3	6	8	6	10	7	9	11	7	7	-	-	3	5	3	1	13	22	13	7	9	2	5	3
	Fem.,	12	-	-	1	-	2	1	1	2	2	1	-	2	-	2	-	-	1	-	-	1	1	2	1	4	-	-
Falling bodies,	Totals,	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	43	1	4	4	2	1	2	9	8	5	2	3	2	-	-	2	5	3	-	6	16	7	1	1	-	1	1
	Fem.,	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Asphyxia.																												
—Drowning,	Totals,	317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	288	7	20	14	10	21	46	46	41	26	13	12	32	2	1	7	31	40	29	54	46	26	18	11	5	1	17
	Fem.,	29	1	1	1	1	-	2	8	6	3	2	1	3	1	-	3	5	6	3	1	3	1	4	2	-	-	-
—Overlaying and asphyxia in bed,	Totals,	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	14	1	1	1	3	2	-	2	-	-	2	2	-	2	10	-	-	-	-	-	1	-	1	-	-	-	-
	Fem.,	20	3	1	2	4	3	2	1	-	-	2	-	2	2	15	3	-	-	-	-	-	-	-	-	-	-	-
—In burning buildings,	Totals,	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	6	-	-	-	1	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	2	1	1	1	1	-	-
	Fem.,	3	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-
—Illuminating gas,	Totals,	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	43	7	2	11	4	1	1	2	3	-	4	5	3	-	-	-	2	-	-	16	12	5	3	3	1	1	-
	Fem.,	7	1	1	1	-	-	1	-	-	2	1	-	-	-	-	1	1	-	2	1	-	1	-	-	-	1	-
—Other forms of asphyxia,	Totals,	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	24	1	5	5	1	1	1	-	1	2	2	3	2	1	4	1	-	-	-	7	6	2	1	1	-	-	1
	Fem.,	8	1	-	1	1	-	-	2	-	1	1	-	1	1	3	-	-	-	-	-	1	1	1	1	-	-	-
Poisons.																												
—Opium and its preparations,	Totals,	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	4	1	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-
	Fem.,	3	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-
—Chloral hydrate,	Fem.,	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
—Other poisons,	Totals,	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	11	-	-	1	-	2	-	1	1	-	2	3	1	-	-	4	2	-	-	2	2	-	1	-	-	-	-
	Fem.,	6	1	-	-	2	-	-	-	-	1	-	-	2	-	1	2	-	-	-	1	1	1	-	-	-	-	-
Weather agencies.																												
—Heat and sunstroke,	Totals,	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	6	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	-	1	-
	Fem.,	3	-	-	-	-	-	-	2	1	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-
—Lightning,	Totals,	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	5	-	-	-	-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	1	2	1	1	-	-	-	-
	Fem.,	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS. Sex.	DEATHS. Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	AGES. Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
III. ACCIDENT OR NEGLIGENCE — Con.																												
Weather agencies — Con.																												
— Exposure, including shipwreck,	Totals,	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	62	2	2	-	1	-	-	-	-	2	3	27	25	-	-	-	-	-	-	11	17	8	9	2	2	-	13
	Fem.,	11	-	-	-	-	-	-	-	-	-	-	6	5	-	-	-	-	-	-	4	1	1	2	2	1	-	-
— Electric shock,	Males,	7	-	1	-	1	-	2	2	-	-	-	-	1	-	-	-	-	1	-	5	1	-	-	-	-	-	-
Other accidental causes,	Totals,	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	4	-	-	-	1	-	2	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	1	-
	Fem.,	2	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
IV. CAUSES NOT DUE TO VIOLENCE.																												
1. ALCOHOLISM,	Totals,	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	75	6	3	8	10	6	11	7	5	4	5	6	4	-	-	-	-	-	3	9	15	19	18	8	3	-	-
	Fem.,	25	5	1	2	2	1	1	2	1	1	2	5	2	-	-	-	-	-	-	4	8	6	3	3	1	-	-
2. NATURAL CAUSES,	Totals,	873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	540	43	46	47	52	54	35	44	35	46	37	46	55	63	47	14	7	5	6	27	51	58	72	96	60	20	14
	Fem.,	329	25	23	28	23	35	26	23	29	29	29	26	33	36	44	6	3	6	1	26	33	29	38	44	36	22	5
	Unk.,	4	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Zymotic diseases,	Totals,	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	20	1	1	-	1	2	1	4	4	4	1	-	1	-	5	3	2	-	-	1	4	1	1	2	1	-	-
	Fem.,	12	-	1	-	2	-	-	3	1	1	2	2	-	-	7	1	1	-	-	-	1	-	-	1	1	-	-
Constitutional diseases.																												
— Phthisis and hemoptysis,	Totals,	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	16	1	1	1	3	4	1	2	1	-	-	-	2	-	-	-	-	-	1	5	4	4	2	-	-	-	-
	Fem.,	9	1	1	2	1	-	-	1	-	-	2	-	1	-	-	1	-	-	-	3	2	-	1	1	1	-	-
— Other constitutional diseases,	Totals,	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	9	-	-	-	-	1	-	2	-	2	-	3	1	-	4	-	1	-	-	-	-	-	2	2	-	-	-
	Fem.,	7	1	-	-	-	1	3	-	1	1	-	-	-	1	1	-	-	-	-	-	1	-	2	1	1	-	-

Local diseases.																												
1. *Nervous system.* — Apoplexy,	Totals,	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	80	7	6	11	9	8	7	4	3	4	9	5	7	-	5	2	1	2	2	4	5	11	15	12	16	3	2
	Fem.,	38	3	4	2	3	3	2	3	2	7	2	4	3	-	-	-	-	-	-	2	6	4	7	5	9	2	3
— Epilepsy,	Totals,	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	7	1	-	-	-	1	-	2	-	-	1	-	2	-	-	-	-	-	1	-	2	2	2	-	-	-	-
	Fem.,	9	-	-	1	-	3	2	-	-	-	1	-	2	-	2	-	-	-	-	1	-	2	2	-	-	2	-
— Meningitis and other brain diseases,	Totals,	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	6	-	1	4	-	-	-	-	-	1	-	-	-	-	1	3	-	-	-	-	1	-	-	1	-	-	-
	Fem.,	13	1	2	1	-	4	-	-	1	-	2	1	1	1	5	1	-	2	-	-	1	-	1	-	1	1	-
2. *Organs of circulation.* — Heart diseases,	Totals,	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	234	24	19	14	20	24	14	17	17	21	16	24	24	-	6	2	-	1	1	9	23	23	41	74	37	11	6
	Fem.,	119	8	4	11	10	9	11	5	13	11	11	15	11	-	3	1	-	1	-	10	11	16	23	30	15	9	-
— Aneurism,	Males,	3	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-
3. *Organs of respiration.* — Bronchitis,	Totals,	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	3	-	1	1	-	-	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-
	Fem.,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
— Pneumonia,	Totals,	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	19	4	2	3	2	2	-	-	-	1	-	2	3	-	1	1	-	-	1	4	3	5	-	2	2	-	-
	Fem.,	11	2	1	2	1	1	-	-	-	1	-	-	3	-	2	1	-	-	-	2	3	-	-	1	-	2	-
— Other diseases of respiratory organs,	Totals,	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	20	-	3	1	2	1	1	2	1	2	2	1	4	1	2	-	1	1	-	1	6	4	4	-	-	-	-
	Fem.,	14	1	2	1	-	2	-	1	1	2	-	1	3	-	2	-	-	2	-	1	3	1	1	2	2	-	-
4. *Digestive Organs.* — Peritonitis,	Totals,	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	4	-	-	1	-	-	1	1	-	-	-	-	1	-	-	-	1	-	-	-	1	2	-	-	-	-	-
	Fem.,	4	-	-	1	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1
— Other diseases of digestive organs,	Totals,	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	14	1	-	2	-	-	2	3	2	3	-	-	1	-	7	-	1	1	-	1	-	2	-	-	2	-	-
	Fem.,	16	1	-	2	-	5	-	2	4	-	1	-	1	-	7	1	1	1	1	-	1	2	-	1	1	-	-
5. *Urinary Organs.* — Nephritis,	Totals,	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	4	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	2	1	-	-	-	-
	Fem.,	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-

TABLE II. — Concluded.

CAUSES OF DEATH.	DEATHS.		MONTHS.												AGES.													
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
IV. — CAUSES NOT DUE TO VIOLENCE — Con.																												
5. *Urinary Organs* — Con. — Other diseases of the urinary organs,	Totals,	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	10	2	2	1	2	-	-	-	1	1	-	1	-	-	-	-	-	-	-	1	1	2	2	2	1	-	1
	Fem.,	5	-	-	1	1	1	-	-	-	1	-	1	-	-	-	-	1	-	-	1	-	2	1	-	-	-	-
Developmental diseases.																												
1. *Of children.* — Stillbirth,	Totals,	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	46	-	7	4	4	7	3	3	3	2	3	5	5	44	-	-	-	-	-	-	-	-	-	-	-	-	2
	Fem.,	20	4	2	1	1	2	-	2	3	1	2	-	2	20	-	-	-	-	-	-	-	-	-	-	-	-	-
— Premature birth,	Totals,	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	28	-	2	3	6	2	2	3	1	2	2	3	2	17	9	-	-	-	-	-	-	-	-	-	-	-	2
	Fem.,	22	-	1	1	3	3	4	3	-	3	2	-	2	14	7	-	-	-	-	-	-	-	-	-	-	-	1
	Unk.,	4	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
— Other developmental diseases of children,	Totals,	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	9	1	-	-	2	-	1	-	2	1	-	1	1	1	5	2	-	-	-	-	-	-	-	-	-	-	1
	Fem.,	7	1	2	-	-	-	-	1	-	-	3	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-
2. *Of adults.* — Childbirth,	Fem.,	10	-	1	1	1	1	1	-	1	1	-	1	2	-	-	-	-	-	-	6	3	1	-	-	-	-	-
3. *Of the aged.* — Old age,	Totals,	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	8	-	1	-	1	1	1	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	-
	Fem.,	10	2	-	1	-	-	3	-	1	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	4	6	-
UNKNOWN OR ILL-DEFINED CAUSES,	Totals,	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	43	4	2	4	2	6	1	3	3	6	6	2	4	2	9	-	1	-	-	-	7	4	5	5	3	2	5
	Fem.,	28	-	4	3	1	3	2	2	2	3	3	2	3	1	6	1	1	-	-	1	1	3	4	2	6	1	1

EDITORIAL OBSERVATIONS

BY

FRANCIS A. HARRIS, M.D.

FIFTY-SEVENTH REGISTRATION REPORT.

(1898.)

The following observations upon the statistics of the Births, Marriages and Deaths registered in Massachusetts in the year 1898, together with some comments upon the statistics of Divorce and the Returns of the Medical Examiners, are intended to set forth the principal points of interest derived from a study of the figures and to furnish some comparisons between the statistics of the year 1898 and those of other years, and to render these statistics "of practical utility" within the meaning of the statute providing for the preparation of this report.

The plan pursued in this report is the same as that of the reports since 1890 in the matter of condensation and the avoidance of apparently superfluous repetition of the same matter.

Many tables published in the report for 1895 whose value is dependent upon an accurate knowledge of the number of the population, a knowledge only to be had in census years, are omitted in the report for 1898.

The editor is indebted to the work of Professor Richmond Mayo-Smith of Columbia College on Statistics and Sociology for the statistics as to births, marriages and deaths in many foreign countries which are presented in tables under their appropriate heads and which give the average rates for the period of twenty years 1871–1890 and the rates for the years 1891, 1892, 1893.

The number of births returned by the Registration Officers of Massachusetts for the year 1898 was 73,110, the number of marriages was 22,142 and of deaths 46,761 or 95 less births, 896 less marriages and 658 less deaths than were recorded in 1897.

The aggregate registration including 2,728 still-births was 144,741 which was 1,573 less than that of 1897.

The excess of living births over deaths was 26,349. This was greater by 563 than the excess in 1897 and was greater than that of any other year since the beginning of registration.

TABLE 1.—*Births, Marriages and Deaths, with the Population and Rates for Census Years 1851–1898.*

YEARS.	Population.	Births.	Marriages.	Deaths.	Excess of Births over Deaths.	Births to 1,000 Persons.	Persons Married to 1,000.	Deaths to 1,000 Persons.	Excess Rate of Births over Deaths.
1851, . .	1,022,084	28,661	11,966	18,934	9,727	-	-	-	-
1852, . .	1,049,654	29,802	11,578	18,482	11,320	-	-	-	-
1853, . .	1,077,224	30,920	12,828	20,301	10,619	-	-	-	-
1854, . .	1,104,794	31,997	13,683	21,414	10,583	-	-	-	-
1855, . .	1,132,364	32,845	12,329	20,798	12,047	29·01	21·77	18·37	10·64
1856, . .	1,152,105	34,445	12,265	20,734	13,711	-	-	-	-
1857, . .	1,171,846	35,320	11,739	21,280	14,040	-	-	-	-
1858, . .	1,191,586	34,491	10,527	20,776	13,715	-	-	-	-
1859, . .	1,211,327	35,442	11,475	20,976	14,466	-	-	-	-
1860, . .	1,231,067	36,051	12,404	23,068	12,983	29·28	20·15	18·74	10·54
1861, . .	1,238,260	35,445	10,972	24,085	11,360	-	-	-	-
1862, . .	1,245,453	32,275	11,014	22,974	9,301	-	-	-	-
1863, . .	1,252,646	30,314	10,873	27,751	2,563	-	-	-	-
1864, . .	1,259,839	30,449	12,513	28,753	1,696	-	-	-	-
1865, . .	1,267,031	30,249	13,051	26,152	4,097	23·87	20·60	20·64	3·23
1866, . .	1,305,095	34,085	14,428	23,637	10,448	-	-	-	-
1867, . .	1,343,159	35,062	14,451	22,773	12,289	-	-	-	-
1868, . .	1,381,223	36,193	13,856	25,603	10,590	-	-	-	-
1869, . .	1,419,287	36,141	14,826	26,054	10,087	-	-	-	-
1870, . .	1,457,351	38,259	14,721	27,329	10,930	26·25	20·20	18·75	7·50
1871, . .	1,496,263	39,791	15,746	27,943	11,848	-	-	-	-
1872, . .	1,535,175	43,235	16.142	35,019	8,216	-	-	-	-
1873, . .	1,574,087	44,481	16,437	33,912	10,569	-	-	-	-
1874, . .	1,612,999	45,631	15,564	31,887	13,744	-	-	-	-
1875, . .	1,651,912	43,996	13,663	34,978	9,018	26·63	16·54	21·17	5·46
1876, . .	1,678,147	42,149	12,749	33,186	8,963	-	-	-	-
1877, . .	1,704,382	41,850	12,758	31,342	10,508	-	-	-	-
1878, . .	1,730,616	41,238	12,893	31,303	9,935	-	-	-	-
1879, . .	1,756,851	40,295	13,802	31,801	8,494	-	-	-	-
1880, . .	1,783,085	44,217	15,538	35,292	8,925	24·80	17·42	19·79	5·01
1881, . .	1,814,896	45,220	16,768	36,458	8,762	-	-	-	-
1882, . .	1,846,707	45,670	17,684	36,785	8,885	-	-	-	-
1883, . .	1,878,518	47,285	18,194	37,748	9,537	-	-	-	-
1884, . .	1,910,329	48,615	17,333	36,990	11,625	-	-	-	-
1885, . .	1,942,141	48,790	17,052	38,094	10,696	25·12	17·56	19·61	5·51
1886, . .	2,001,501	50,788	18,018	37,244	13,544	-	-	-	-
1887, . .	2,060,861	53,174	19,533	40,763	12,411	-	-	-	-
1888, . .	2,120,221	54,893	19,739	42,097	12,796	-	-	-	-
1889, . .	2,179,582	57,075	20,397	41,777	15,298	-	-	-	-
1890, . .	2,238,943	57,777	20,838	43,528	14,249	25·81	18·62	19·44	6·37
1891, . .	2,288,911	63,004	21,675	45,185	17,819	-	-	-	-
1892, . .	2,339,994	65,824	22,507	48,762	17,057	-	-	-	-
1893, . .	2,392,217	67,192	22,814	49,084	18,108	-	-	-	-
1894, . .	2,445,605	66,936	20,619	46,791	20,145	-	-	-	-
1895, . .	2,500,183	67,545	23,102	47,540	20,005	27·02	18·48	19·01	8·00
1896, . .	2,555,987	72,343	23,651	49,381	22,962	-	-	-	-
1897, . .	2,613,036	73,205	23,038	47,419	25,786	-	-	-	-
1898, . .	2,671,359	73,110	22,142	46,761	26,349	-	-	-	-

The ratios to the population for 1898 were as follows, as calculated upon the estimated number of the population in 1898, namely, 2,671,359. This estimate is based on the geometric increase between the census years of 1890–1895.

Birth-rate 27·37 to 1,000 of the population; marriage rate (marriages), 8·29; persons married, 16·58; death-rate, 17·55; excess of births over deaths, 9·82.

The same data also indicate a daily average of 200 births, 61 marriages and 128 deaths during the year 1898.

In table 1 are presented the population, the number of births, marriages and deaths, the excess of births over deaths, the birth, marriage and death rates, and the natural rate of increase of the population for a period of forty-eight years. The rates are calculated only for the census years.

Table 2 presents the number of the population of Massachusetts with the total increase by periods of five years as compared with previous census years compiled from Provincial, United States and State Census Reports.

TABLE 2. — *Population of Massachusetts showing Increase as compared with Previous Census Years (1765–1895), compiled from Provincial, United States and State Census Reports.**

YEARS.	Population.	Increase (+) or Decrease (—) as compared with Previous Census.
1765 (Prov.),	239,764	–
1776 (Prov.),	299,841	+ 60,077
1790 (U. S.),	378,787	+ 78,946
1800 (U. S.),	422,845	+ 44,058
1810 (U. S.),	472,040	+ 49,195
1820 (U. S.),	523,287	+ 51,247
1830 (U. S.),	610,408	+ 87,121
1840 (U. S.),	737,700	+127,292
1850 (U. S.),	994,514	+256,814
1855 (State),	1,132,369	+137,855
1860 (U. S.),	1,231.066	+ 98,697
1865 (State),	1,267,031	+ 35,965
1870 (U. S.),	1,457,351	+190,320
1875 (State),	1,651,912	+194,561
1880 (U. S.),	1,783,085	+131,173
1885 (State),	1,942,141	+159,056
1890 (U. S.),	2,238,943	+296,802
1895 (State),	2,500,183	+261,240

* Census of Massachusetts, Part 2, 1895, p. 216.

BIRTHS.

The number of births registered in 1898 was 73,110, which was greater than that of any year since the beginning of registration in Massachusetts except the year 1897.

The rate for living births as calculated from the number of the population, which number is estimated as 2,671,359, (27·37) was less than that of the years 1851–1862, 1872, 1873, 1874, 1891–1897, but greater than that of any other year since the beginning of registration except 1894, when the rate was the same, and is greater than that of any five-year period since those of 1856–1860, 1871–1875 and 1891–1895.

The number of births and still-births for a period of twenty years 1879–1898 is presented in the following table (and in table 4 the birth-rates for forty-seven years and for forty-five years in groups of five-year periods).

TABLE 3. — *Births for Twenty Years.*

YEARS.	Born Alive.	Still-Born.	Totals.	YEARS.	Born Alive.	Still-Born.	Totals.
1879, .	40,295	1,261	41,556	1889, .	57,075	2,021	59,096
1880, .	44,217	1,297	45,514	1890, .	57,777	2,099	59,876
1881, .	45,220	1,466	46,686	1891, .	63,004	2,222	65,226
1882, .	45,670	1,485	47,155	1892, .	65,824	2,293	68,117
1883, .	47,285	1,589	48,874	1893, .	67,192	2,444	69,636
1884, .	48,615	1,628	50,243	1894, .	66,936	2,353	69,289
1885, .	48,790	1,589	50,379	1895, .	67,545	2,367	69,912
1886, .	50,788	1,796	52,584	1896, .	72,343	2,615	74,958
1887, .	53,174	1,794	54,968	1897, .	73,205	2,652	75,857
1888, .	54,893	1,943	56,836	1898, .	73,110	2,728	75,838

The birth-rate for 1898, including still-births was 28·39, or 1·00 for still-births as compared with 29·03 and 1·00 in 1897.

TABLE 4. — *Showing Birth-rates, 1851–1898.*

YEARS.	Births to 1,000 of Population.		YEARS.	Births to 1,000 of Population.	
1851, . . .	28·04		1876, . . .	25·12	
1852, . . .	28·39		1877, . . .	24·55	
1853, . . .	28·70	28·63	1878, . . .	23·83	24·29
1854, . . .	28·96		1879, . . .	22·94	
1855, . . .	29·01		1880, . . .	24·80	
1856, . . .	29·89		1881, . . .	24·91	
1857, . . .	30·14		1882, . . .	24·73	
1858, . . .	28·95	29·50	1883, . . .	25·17	25·08
1859, . . .	29·26		1884, . . .	25·45	
1860, . . .	29·28		1885, . . .	25·12	
1861, . . .	28·62		1886, . . .	25·37	
1862, . . .	25·91		1887, . . .	25·80	
1863, . . .	24·20	25·34	1888, . . .	25·89	25·82
1864, . . .	24·17		1889, . . .	26·19	
1865, . . .	23·87		1890, . . .	25·81	
1866, . . .	26·12		1891, . . .	27·53	
1867, . . .	26·11		1892, . . .	28·13	
1868, . . .	26·21	26·02	1893, . . .	28·09	27·62
1869, . . .	25·46		1894, . . .	27·37	
1870, . . .	26·25		1895, . . .	27·02	
1871, . . .	26·60		1896, . . .	28·30	
1872, . . .	28·16		1897, . . .	28·01	
1873, . . .	28·26	27·58	1898, . . .	27·37	
1874, . . .	28·29				
1875, . . .	26·63				

In Table 5 are presented the birth-rates for Massachusetts and several foreign countries. This table gives the average rates for the period of twenty years (1871–1890) and the rates for the years 1891, 1892 and 1893. For the data of this table credit, as previously stated, is due to the work of Dr. Richmond Mayo-Smith, Ph.D., of Columbia College, on Statistics and Sociology.

TABLE 5. — *Comparative Birth-rates.*

COUNTRIES.	AVERAGE.			
	1871-90.	1891.	1892.	1893.
Massachusetts,	25·71	27·53	28·13	28·09
Hungary, 1876–1890,	44·0	42·3	40·3	42·5
Austria,	38·6	38·1	36·2	–
Germany,	38·1	37·0	35·7	36·7
Italy,	37·3	37·3	36·3	36·6
Holland,	35·2	33·7	32·0	33·8
England and Wales,	34·0	31·4	30·5	30·8
Scotland,	33·6	31·2	30·8	31·0
United Kingdom,	32·6	30·4	29·5	29·9
Denmark,	31·7	31.0	29·5	30·6
Belgium,	31·0	29·6	28·9	29·5
Norway,	30·7	30·9	29·6	30·7
Sweden,	29·8	28·3	27·0	–
Switzerland,	29·4	28·3	28·1	28·5
Ireland,	24·9	23·1	22·4	23·0
France,	24·6	22·6	22·1	–

In table 6 are presented the number of births by counties for a period of twenty-nine years and the birth-rates of census years. In this table the births of each county for any given year and the birth-rate for any census year may be compared with those of other counties and with those of the State for the same year, and also with the births of the same county in other years as well as the birth-rates of the counties in census years.

This table shows a considerable uniformity in the birth-rates of the different counties when the birth-rates for counties are compared for different census years, while compared with each other the birth-rates present considerable variations, Essex county having the highest rate and Nantucket, Barnstable and Dukes the lowest in the last census year, 1895.

As compared with the births for 1897 there was a decrease in Berkshire, Essex, Franklin, Middlesex and Suffolk counties and an increase in all the rest.

TABLE 6. — *Births, 1870–1898, and Birth-rates in Census Years 1865–1895, by Counties.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Population, 1865, .	34,610	56,944	89,395	4,200	171,034	31,340	64,570	39,269	220,384	4,748	116,306	63,107	208,212	162,912	1,267,031
" 1870, .	32,744	64,827	102,886	3,787	200,843	32,635	78,409	44,388	274,353	4,123	89,443	65,365	270,802	192,716	1,457,351
" 1875, .	32,144	68,270	131,087	4,071	223,342	33,696	94,304	44,821	284,112	3,201	88,321	69,362	364,886	210,295	1,651,912
" 1880, .	31,897	69,032	139,040	4,300	244.535	36,001	104,142	47,232	317,830	3,727	96,507	74,018	387,927	226,897	1,783,085
" 1885, .	29,845	73,828	158,498	4,135	263,727	37,449	116,764	48,472	357,311	3,142	102,142	81,680	421,109	244,039	1,942,141
" 1890, .	29,172	81,108	186,465	4,369	299,995	38,610	135,713	51,859	431,167	3,268	118,950	92,700	484,780	280,787	2,238,943
Birth-rates, 1865,	**22·3**	**23·6**	**22·1**	**20·71**	**21·8**	**18·2**	**24·2**	**21·1**	**24·4**	**10·11**	**24·8**	**20·9**	**27·5**	**24·5**	**23·9**
Living births, 1870,	669	1,616	2,682	51	4,772	644	1,969	1,019	7,444	48	2,256	1,463	8,614	5,012	38,259
Birth-rates, 1870,	**20·4**	**24·9**	**26·1**	**13·47**	**23·7**	**19·7**	**25·1**	**22·9**	**27·1**	**11·64**	**25·2**	**22·4**	**31·8**	**26·0**	**26·2**
Living births, 1871,	709	1,784	2,766	57	5,114	658	2,235	993	7,289	51	2,316	1,464	9,006	5,349	39,791
" 1872,	669	1,637	3,156	64	6,158	674	2,321	1,095	8,261	56	2,416	1,452	9,761	5,515	43,235
" 1873,	615	1,653	3,328	56	5,686	733	2,527	1,111	8,605	55	2,517	1,549	10,254	5.792	44,481
" 1874,	705	1,688	3,252	52	5,820	735	2,618	1,048	7,994	60	2,173	1,521	12,271	5,694	45,631
" 1875,	659	1,678	3,440	65	5,722	673	2,635	1,035	7,247	57	2,276	1,469	11,582	5,458	43,996
Birth-rates, 1875,	**20·5**	**24·6**	**26·2**	**15·97**	**25·6**	**20·0**	**27·9**	**21·3**	**25·5**	**17·81**	**25·8**	**21·2**	**31·7**	**26·4**	**26·6**
Living births, 1876,	608	1,537	3,220	46	5,216	635	2,443	978	7,140	77	2,024	1,455	11,324	5,451	42,149
" 1877,	607	1,537	3,177	64	5,370	660	2,359	944	7,379	64	2,052	1,459	11,070	5,098	41,850
" 1878,	578	1,508	3,171	54	5,369	617	2,273	894	7,264	69	2,039	1,338	10,715	5,349	41,238
" 1879,	542	1,527	2,852	34	5,086	637	2,374	946	7,052	59	2,004	1,301	10,742	5,139	40,295
" 1880,	505	1,606	3,560	62	5,815	649	2,645	972	8,030	56	2,074	1,346	11,148	5,749	44 217
Birth-rates, 1880,	**15·8**	**23·3**	**25·6**	**14·42**	**23·8**	**18·0**	**25·4**	**20·6**	**25·3**	**15·03**	**21·4**	**18·2**	**28·8**	**25·4**	**24·8**
Living births, 1881,	485	1,664	4,093	41	5,864	682	2,585	1,005	8,067	60	2,141	1,450	11,124	5,959	45,220
" 1882,	506	1,698	3,799	51	5,927	736	2,756	923	8,087	47	2,229	1,500	11,617	5,794	45,670
" 1883,	508	1,947	4,051	57	6,036	729	2,067	969	8,127	64	2,222	1,445	11,908	6,155	47,285
" 1884,	504	2,005	4,181	45	6,058	709	3,496	979	8,564	57	2,267	1,488	12,063	6,198	48,615
" 1885,	518	1,901	4,190	66	6,070	747	3,482	954	8,843	36	2,329	1,528	12,092	6,034	48,790

TABLE 6. — *Births, 1870–1898, and Birth-rates in Census Years 1865–1895, by Counties* — Concluded.

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Birth-rates, 1885,	**17·4**	**25·7**	**26·4**	**15·96**	**23·0**	**19·9**	**29·8**	**19·7**	**24·7**	**11·46**	**22·8**	**18·7**	**28·7**	**24·7**	**25·1**
Living births, 1886,	489	1,948	4,460	75	6,535	756	3,517	1,101	9,046	36	2,322	1,553	12,596	6,454	50,788
" 1887,	501	2,025	4,597	67	6,861	798	3,645	1,062	9,926	55	2,430	1,595	12,776	6,836	53,174
" 1888,	547	2,159	4,854	55	6,884	740	3,858	1,069	10,105	46	2,487	1,667	13,334	7,088	54,893
" 1889,	539	2,139	4,826	68	7,073	828	4,038	1,092	10,925	52	2,778	1,736	13,525	7,356	57,075
" 1890,	488	2,135	4,958	79	7,104	760	4,136	1,084	11,149	50	2.710	1,758	14,046	7,320	57,777
Birth-rates, 1890,	**16·38**	**26·32**	**26·58**	**18.08**	**23·68**	**19·68**	**30·47**	**20.90**	**25·85**	**15·30**	**22·78**	**18·96**	**28·98**	**26·07**	**25·81**
Living births, 1891,	530	2,179	5,436	56	7,804	813	4,611	1,126	12,347	52	2,947	1,905	15,227	7,971	63,004
" 1892,	546	2,083	5,924	71	7,784	898	4,708	1,229	12,879	50	2,956	1,946	16,542	8,208	65,824
" 1893,	516	2,283	6,200	73	8,392	908	4,864	1,194	13,197	55	3,132	2,144	15,538	8,696	67,192
" 1894,	536	2,248	6,188	65	8,177	912	4,589	1,194	13,246	55	3,105	1,976	16,408	8,237	66,936
" 1895,	520	2,193	6,163	86	8,004	833	4,891	1,186	13,501	55	3,147	2,064	16,768	8,134	67,545
Birth-rates, 1895,	**18·80**	**25·41**	**28·14**	**20·29**	**34·74**	**20·75**	**31·98**	**21·68**	**27·04**	**18·24**	**23·34**	**20·34**	**31·06**	**26·54**	**27·02**
Living births, 1896,	494	2,285	7,280	66	8,746	901	4,998	1,298	14,135	61	3,238	2,217	17,779	8,845	72,343
" 1897,	482	2,474	8,092	61	8,560	865	5,179	1,246	14,015	44	3,229	2,104	18,167	8,687	73,205
" 1898,	517	2,350	8,608	82	8,433	838	5,191	1,254	13,737	51	3,345	2,142	17,798	8,764	73,110
Ratio of population to number of families (1875), . .	3·86	4·82	4·59	3·59	4·45	4·28	4·72	4·67	4·68	3·41	4·53	4·24	4·84	4·55	4·60
Ratio of population to number of families (1885), . .	3·58	4·69	4·55	3·39	4·45	4·25	4·67	4·59	4·70	3·06	4·52	4·12	4·84	4·50	4·58
Ratio of population to number of families (1895), . .	3·42	4·59	4·59	3·24	4·44	4·17	4·66	4·66	4·64	3·07	4·54	4·09	4·78	4·55	4·57

Seasons of the Year. — In tables 7 and 8 is shown the relation of the birth-rate to the seasons of the year; in the former table the data of 1898 are compared with those of 1897, by months and quarters, and in the latter the number of births in each month for a period of twenty years is presented.

TABLE 7. — *Births and Birth-rates by Months and Quarters, 1897–1898.*

	Births registered in Each Month.		Births registered in Each Quarter.		Monthly Percentage of Births.		Quarterly Percentage of Births.	
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
January, .	6,265	6,081			8·6	8·3		
February, .	5,634	5,878	18,287	18,304	7·7	8·0	25·0	25·0
March, .	6,388	6,345			8·7	8·7		
April, . .	5,705	5,701			7·8	7·8		
May, . .	5,665	5,987	17,063	17,709	7·7	8·2	23·3	24·3
June, . .	5,693	6,021			7·8	8·2		
July, . .	6,356	6,267			8·7	8·6		
August, .	6,708	6,475	19,302	18,844	9·2	8·9	26·4	25·8
September, .	6,238	6,102			8·5	8·3		
October, .	6,330	6,169			8·6	8·4		
November, .	6,015	5,905	18,553	18,253	8·2	8·1	25·3	24·9
December, .	6,208	6,179			8·5	8·5		
The Year,	73,205	73,110	73,205	73,110	100·0	100·0	100·0	100·0

The largest number of births in a single month in 1898 occurred in August and in the third quarter of the year, and the least number occurred in April and in the second quarter.

TABLE 8.—*Living Births.—By Months, Quarters and Periods of Six Months.—Twenty Years.*

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1879, . . .	3,226	3,064	3,322	3,048	3,125	3,275	3,544	3,720	3,372	3,476	3,505	3,612
1880, . . .	3,372	3,369	3,579	3,521	3,708	3,642	3,840	3,921	3,845	3,845	3,791	3,779
1881, . . .	3,641	3,475	3,703	3,567	3,713	3,595	3,949	4,263	3,856	3,827	3,783	3,843
1882, . . .	3,651	3,449	3,808	3,721	3,516	3,614	3,942	4,162	3,970	4,084	3,784	3,966
1883, . . .	3,654	3,465	3,869	3,574	3,662	3,861	4,204	4,323	4,241	4,326	4,033	4,067
1884, . . .	2,887	3,812	4,003	3,819	3,959	3,992	4,192	4,293	4,189	4,173	4,008	4,288
1885, . . .	3,965	3,821	4,104	3,836	4,001	3,840	4,219	4,461	4,246	4,194	3,992	4,106
1886, . . .	4,060	3,803	4,273	3,876	3,951	4,033	4,491	4,569	4,555	4,578	4,209	4,389
1887, . . .	4,263	4,070	4,430	4,167	4,306	4,337	4,682	4,884	4,598	4,563	4,450	4,424
1888, . . .	4,476	4,145	4,532	4,010	4,336	4,670	5,032	4,963	4,855	4,665	4,440	4,769
1889, . . .	4,564	4,276	4,774	4,621	4,546	4,635	5,070	5,174	4,944	4,858	4,712	4,901
1890, . . .	4,947	4,488	4,891	4,436	4,757	4,645	5,147	5,270	4,559	4,569	4,730	5,338
1891, . . .	5,347	4,905	5,448	4,812	5,002	5,119	5,585	5,581	5,388	5,251	5,232	5,334
1892, . . .	5,426	5,043	5,438	5,220	5,342	5,129	5,895	5,833	5,590	5,330	5,576	5,990
1893, . . .	5,611	5,107	5,549	5,391	5,163	5,457	6,095	6,173	5,638	5,716	5,519	5,767
1894, . . .	5,500	4,978	5,681	5,529	5,472	5,506	5,999	5,794	5,458	5,530	5,579	5,907
1895,* . . .	5,803	5,269	5,441	5,033	5,467	5,466	5,927	6,034	5,846	5,891	5,461	5,903
1896,* . . .	4,342	5,543	6,016	5,902	5,952	5,840	6,229	6,551	6,206	6,123	5,943	6,176
1897, . . .	6,265	5,634	6,388	5,705	5,665	5,693	6,356	6,708	6,238	6,330	6,915	6,208
1898, . . .	6,081	5,878	6,345	5,701	5,987	6,021	6,267	6,475	6,102	6,169	5,905	6,179
Average, .	4,554	4,380	4,830	4,475	4,582	4,620	5,034	5,169	4,886	4,873	4,738	4,946
Quarters, .	13,764			13,677			15,083			14,557		
Half-years, .	27,441						29,640					

* The deaths from unspecified dates are excluded.

For the period of twenty years (1879–1898) 52 per cent. of the births occurred in the last half of the years of the period, 24·1 per cent. in the first quarter, 24·0 per cent. in the second quarter, 26·4 per cent. in the third quarter and 25·5 per cent. in the last quarter.

The largest average number of births for the period of twenty years occurred in the month of August, and the order of the remaining months was as follows: July, December, Septem-

ber, October, March, November, June, May, January, April and February.

TABLE 9. — *Births. — Ratio of Males to Females. — Ten Years.*

	1897.	1898.	Ten Years, 1889-1898.
Born alive, . Males, . .	37,689	37,389	331,730
Born alive, . Females, .	35,489	35,694	315,350
Born alive, . Not stated, .	27	27	357
Males to 100 females, . .	106·2	104·7	105·2
Still-born, . . Males, . .	1,636	1,680	13,748
Still-born, . . Females, .	1,005	1,033	8,770
Still-born, . . Not stated, .	11	15	705
Males to 100 females, . .	162·8	162·6	156·8

In table 9 are presented the statistics in regard to the sex of children born alive which appear to show that the ratio of males to females, exclusive of the cases where the sex was not stated, was in 1898, 104·7 as compared with 106·2 in 1897, 105·9 in 1896, 105·2 in 1895, 105·4 in 1894, 104·6 in 1893, and 105·2 for the ten year period 1889–1898.

From the same table it appears that the ratio of males to females among the still-born in 1898 was 162·6 as compared with 162·8 in 1897, 166·8 in 1896, 159·5 in 1895, and 155·5 for the ten year period.

In table 10 are presented the statistics relative to the parentage of children born alive in Massachusetts in 1898 together with those relating to plural births.

The excess of children born of foreign parents over those of native parentage in 1898 was 11,617, which was greater by 187 than the excess of the same class in 1897. It was also greater than that of any other year since the beginning of registration.

The number of children born of mixed parentage was 13,905 which was less by 13 than the number of this class in 1897 but greater than that of any previous year except 1894.

There was a decrease in the number of children born of mixed parentage in every county except Berkshire, Bristol, Dukes, Hampden and Worcester.

In table 11 the percentages of native and foreign-born children are given for the series of years, 1889–1898, by which it appears that the percentage of native-born children has decreased with considerable uniformity during the decade, and it is also true, as shown by examination of previous reports, if a longer period of years is taken into account.

The percentage of children of foreign-born parents, as demonstrated by the statistics of former reports, was greater than that of any previous year since 1874, except 1897.

The percentage of children born of mixed parentage was less than that of any other year in the decade 1889–1898.

TABLE 10. — *Parentage of the Children born alive in the Several Counties of Massachusetts during the Year 1898.*

	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aggregates,	73,110	517	2,350	8,608	82	8,433	838	5,191	1,254	13,737	51	3,345	2,142	17,798	8,764
Both parents native-born,	23,656	346	1,169	1,858	45	2,923	470	1,662	523	4,443	34	1,259	1,121	4,847	2,956
Both parents foreign-born,	35,273	103	684	5,179	22	3,827	253	2,536	496	6,326	3	1,401	620	9,793	4,030
Native-born father and foreign-born mother,	7,308	32	248	786	9	891	55	521	132	1,513	9	354	230	1,652	876
Foreign-born father and native-born mother,	6,597	36	245	762	6	780	59	469	100	1,290	5	325	169	1,471	880
Not stated,	276	–	4	23	–	12	1	3	3	165	–	6	2	35	22

PLURALITY CASES (Included above).

Totals,	Aggregates,	1,421	6	35	172	2	162	11	88	23	276	–	82	38	343	183
	Males,	722	1	15	90	2	93	7	41	11	152	–	41	20	163	86
	Females,	699	5	20	82	–	69	4	47	12	124	–	41	18	180	97

TABLE 11. — *Percentage* of Children of Native and Foreign-born Parents in 1898 and in each of the Previous Nine Years.*

YEARS.	PARENTS.			Births with Parentage not reported.
	Native-born.	Foreign-born.	One Foreign-born.	
1889, ...	35·68	43·61	20·72	292
1890, ...	34·82	44·10	21·08	272
1891, ...	34·03	44·84	21·13	352
1892, ...	33·34	45·73	20·93	443
1893, ...	32·57	47·00	20·43	287
1894, ...	32·58	46·51	20·91	270
1895, ...	32·45	46·98	20·57	219
1896, ...	31·65	47·49	20·86	263
1897, ...	32·60	48·30	19·10	207
1898, ...	32·35	48·24	19·02	276

* Excluding births with parentage not reported.

TABLE 12. — *Number of Births during each of the Twenty Years 1879–1898, exhibiting the Sex and Parentage.*

	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
Totals,	40,295	44,217	45,220	45,670	47,285	48,615	48,790	50,788	53,174	54,893
Males,	20,658	22,667	23,014	23,281	24,388	24,941	25,053	25,959	27,245	28,156
Females,	19,623	21,396	22,069	22,292	22,875	23,658	23,716	24,822	25,915	26,726
Unknown,	14	154	137	97	22	16	21	7	14	11
PARENTAGE.										
Native,	16,768	18,130	18,218	18,565	18,412	18,734	18,822	19,531	20,207	20,078
Foreign,	16,298	17,651	18,169	18,012	19,188	19,750	19,733	20,758	22,781	22,990
Native father and foreign mother,	2,723	3,141	3,267	3,462	3,771	4,058	4,295	4,518	4,853	5,771
Foreign father and native mother,	3,665	4,044	4,119	4,150	4,398	4,613	4,577	4,781	5,025	5,784
Not stated,	831	1,251	1,447	1,481	1,516	1,460	1,363	1,200	308	270

Number of Births, etc. — Concluded.

	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Totals,	57,075	57,777	63,004	65,824	67,192	66,936	67,545	72,343	73,205	73,110
Males,	29,017	29,521	32,532	33,758	34,328	34,338	34,623	37,186	37,689	37,389
Females,	28,042	28,227	30,434	31,951	32,829	32,575	32,905	35,114	35,489	35,694
Unknown,	16	26	38	115	35	23	17	43	27	27
PARENTAGE.										
Native,	20,260	20,023	21,325	21,800	21,788	21,718	21,851	22,810	23,824	23,656
Foreign,	24,760	25,361	28,097	29,895	31,448	31,008	31,628	34,237	35,256	35,273
Native father and foreign mother,	5,913	6,160	6,685	6,919	7,003	7,107	7,026	7,792	7,152	7,308
Foreign father and native mother,	5,850	5,961	6,545	6,767	6,666	6,833	6,821	7,241	6,766	6,597
Not stated,	292	272	352	443	287	270	219	263	207	276

In table 12 are given the statistics as to the number of births for twenty years (1879–1898) with the parentage, and from this table it appears that the number born of mixed parentage in 1898 was 13,905, which was less by 13 than the number of the same class born in 1897, but was greater than that of any other year in the period except 1894.

Plural births. — In 1898, 1,421 children were born of 709 mothers. Of this number, 1,412 were twins and 9 were triplets. The number of offspring of plural births in 1898 was greater than that of any of the previous twenty years except 1895, 1896 and 1897.

TABLE 13. — *Plural Births.* — *Twenty Years.*

YEARS.	Cases of Twins.	Cases of Triplets.	No. of Living Births to one Case of Twins.	No. of Living Births to one Case of Triplets.
1879,	353	1	114	40,295
1880,	381	3	116	14,739
1881,	389	9	116	5,024
1882,	417	5	109	9,134
1883,	394	5	120	9,457
1884,	432	5	113	9,723
1885,	376	4	130	12,197
1886,	453	5	112	10,158
1887,	451	6	118	8,849
1888,	434	2	125	27,446
1889,	547	3	104	19,025
1890,	502	4	115	14,444
1891,	618	7	102	9,000
1892,	572	8	115	8,228
1893,	610	9	110	7,466
1894,	646	8	103	8,367
1895,	736	9	92	7,505
1896,	719	10	100	7,234
1897,	768	3	95	24,402
1898,	706	3	104	24,370
Totals,	10,504	109	2,213	277,063
Averages,	525·20	5·45	110·65	13,853·15

In table 13 are presented data in regard to plural births for twenty years (1879–1898) showing the number of cases of twins and of triplets with the ratio of living births to one case of twins, and also the number of living births to one case of triplets.

The tables relating to illegitimate births are again omitted for the reasons set forth in the report for 1895.

MARRIAGES.

The number of marriages registered in Massachusetts in 1898 was 22,142, which was 896 less than the number registered in 1897 and 1,509 less than that of 1896 and was less than that of any previous year since 1891 except 1894 but greater with these exceptions than that of any year since the beginning of registration. The number of persons married for each thousand of the estimated population was 16·58 and the number of marriages to each thousand was 8·29.

There was one person married to every 60·32 of the population as compared with one in each 56·7 in 1897, 54·0 in 1896, 52·8 in 1895 and 59·3 in 1894.

TABLE 14. — *Marriage-rates, — 1851–1898 (48 Years).*

YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.	YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.
1851, .	11,966	23·42	85	1875, .	13,663	16·54	121
1852, .	11,578	22·06	91	1876, .	12,749	15·18	132
1853, .	12,828	23·82	84	1877, .	12,758	14·96	134
1854, .	13,683	24·76	81	1878, .	12,893	14·90	134
1855, .	12,329	21·77	92	1879, .	13,802	15·70	127
1856, .	12,265	21·30	94	1880, .	15,538	17·42	114
1857, .	11,739	20·04	100	1881, .	16,768	18·48	109
1858, .	10,527	17·66	113	1882, .	17,684	19·12	104
1859, .	11,475	18·94	106	1883, .	18,194	19·36	103
1860, .	12,404	20·15	99	1884, .	17,333	18·12	110
1861, .	10,972	17·72	113	1885, .	17,052	17·56	114
1862, .	11,014	17·68	113	1886, .	18,018	18·00	111
1863, .	10,873	17·36	115	1887, .	19,533	18·90	105
1864, .	12,513	19·86	101	1888, .	19,739	18·62	107
1865, .	13,051	20·60	97	1889, .	20,397	18·72	107
1866, .	14,428	22·10	90	1890, .	20,838	18·62	107
1867, .	14,451	21·52	93	1891, .	21,675	18·94	106
1868, .	13,856	20·06	99	1892, .	22,507	19·24	104
1869, .	14,826	20·89	96	1893, .	22,814	19·07	105
1870, .	14,721	20·20	99	1894, .	20,619	16·86	118
1871, .	15,746	21·04	95	1895, .	23,102	18·48	108
1872, .	16,142	21·02	95	1896, .	23,651	18·51	108
1873, .	16,437	20·88	96	1897, .	23,038	17·64	113
1874, .	15,564	19·30	103	1898, .	22,142	16·58	121

In table 14 are presented the number of marriages, persons married in each thousand of the population, and the number

living to one marriage for the period of forty-eight years 1851–1898.

The marriage rate for 1898 as calculated from the estimated number of the population was 1·69 less than the average rate for the decade 1889–1898, and ·55 less than the average rate of the census years for the past forty-five years.

Table 15 presents the number of marriages in each county for each year in the period of ten years (1889–1898) together with the marriage rates (number of marriages to each 1,000 living) for the census years 1880, 1885, 1890 and 1895.

TABLE 15. — *Marriages by Counties, 1889–1898, and Marriages to 1,000 Living, 1880, 1885, 1890, 1895.*

	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1880.	1885.	1890.	1895.
THE STATE, . .	20,397	20,838	21,675	22,507	22,814	20,619	23,102	23,651	23,038	22,142	8·71	8·78	9·31	9·24
Barnstable, . .	251	245	245	221	209	214	207	192	198	178	7·02	9·34	8·39	7·49
Berkshire, . .	592	613	605	625	613	562	642	628	663	638	7·20	7·30	7·56	7·44
Bristol, . . .	1,678	1,885	1,850	2,045	2,089	1,825	2,185	2,377	2,350	2,114	8·35	9·12	10·11	9·98
Dukes, . . .	35	39	33	38	39	27	38	41	35	31	8·83	11·85	9·27	8·97
Essex, . . .	2,763	2,773	2,905	2,899	3,108	2,691	3,025	2,911	2,700	2,626	9·68	9·21	9·24	9·16
Franklin, . . .	319	285	310	331	335	284	278	303	291	288	8·50	7·53	7·38	6·92
Hampden, . .	1,203	1,198	1,388	1,479	1,401	1,270	1,436	1,503	1,551	1,449	9·29	9·24	8·82	9·39
Hampshire, . .	430	421	448	438	410	414	457	449	376	382	8·11	7·38	8·13	8·35
Middlesex, . .	3,754	3,836	4,083	4,259	4,373	3,721	4,289	4,157	4,132	3,919	8·38	8·55	8·90	8·59
Nantucket, . .	49	18	16	28	21	16	25	15	22	12	7·25	5·72	5·50	8·29
Norfolk, . . .	936	937	944	956	976	830	908	952	880	909	7·23	6·94	7·88	6·73
Plymouth, . .	729	803	798	804	840	717	742	790	733	781	7·89	7·98	8·66	7·31
Suffolk, . . .	5,229	5,297	5,574	5,708	5,745	5,809	6,324	6,655	6,444	6,275	9·63	10·18	10·92	11·72
Worcester, . .	2,429	2,488	2,476	2,676	2,655	2,239	2,546	2,678	2,663	2,540	8·33	7·65	8·85	8·31

TABLE 16.—*Marriages and Marriage-rates by Months and Quarters, 1897–1898.*

MONTHS.	Marriages registered in each Month.		Marriages registered in each Quarter.		Monthly Percentage of Marriages.		Quarterly Percentage of Marriages.	
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
January, .	1,738	1,807	4,489	4,357	7·54	8·16	19·49	19·68
February, .	1,563	1,623			6·78	7·33		
March, . .	1,188	927			5·16	4·19		
April, . .	1,862	2,038	6,497	6,346	8·08	9·20	28·20	28·66
May, . .	1,553	1,461			6·74	6·60		
June, . .	3,082	2,847			13·38	12·86		
July, . .	1,537	1,442	5,331	4,884	6·67	6·51	23·14	22·06
August, .	1,607	1,477			6·98	6·67		
September, .	2,187	1,965			9·50	8·88		
October, .	2,571	2,544	6,721	6,555	11·16	11·49	29·17	29·60
November, .	2,569	2,491			11·15	11·25		
December, .	1,581	1,520			6·86	6·86		
The four quarters,	23,038	22,142	23,038	22,142	100·00	100·00	100·00	100·00

TABLE 17.—*Marriages given Quarterly for Ten Years.*

YEARS.	1st Quarter.		2d Quarter.		3d Quarter.		4th Quarter.	
	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.
1889, . . .	4,127	20·23	5,148	25·24	4,847	23·76	6,275	30·77
1890, . . .	3,852	18·48	5,746	27·58	4,984	23·92	6,256	30·02
1891, . . .	4,154	19·17	5,762	26·58	5,107	23·56	6,652	30·69
1892,* . . .	4,389	19·50	6,138	27·28	5,269	23·42	6,706	29·80
1893,† . . .	4,591	20·13	6,862	30·10	5,201	22·81	6,146	26·96
1894, . . .	3,775	18·31	5,705	27·67	4,842	23·48	6,297	30·54
1895, . . .	4,284	18·55	6,187	26·78	5,523	23·90	7,108	30·77
1896, . . .	4,434	18·75	6,956	28·99	5,561	23·52	6,800	28·74
1897, . . .	4,489	19·49	6,497	28·20	5,331	23·14	6,721	29·17
1898, . . .	4,357	19·68	6,346	28·66	4,884	22·06	6,555	29·60
Average, .	4,245	19·23	6,135	27·71	5,155	23·36	6,552	29·71

* Five marriages are excluded as the dates are unknown.

† Fourteen marriages are excluded as the dates are unknown.

TABLE 18. — *Ages at Marriage of 22,142 Men and of 22,142 Women in 1898.*

	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.	Unknown.
Men,	366	7,437	7,491	3,209	1,597	760	522	309	196	120	84	36	12	3	–
Women,	3,318	9,578	5,360	1,928	949	482	260	133	78	36	18	2	–	–	–
Ages at Marriage of 19,295 Bachelors and of 20,004 Maids.															
Bachelors,	366	7,385	7,195	2,728	1,034	339	156	47	30	10	2	2	1	–	–
Maids,	3,314	9,417	4,931	1,470	537	187	87	40	17	4	–	–	–	–	–
Ages at Marriage of 2,847 Widowers and of 2,138 Widows.															
Widowers,	–	52	296	481	563	421	366	262	166	110	82	34	11	3	–
Widows,	4	161	429	458	412	295	173	93	61	32	18	2	–	–	–

The approximate average age of 22,142 men married in 1898 was . . . . . 29·17
" " " " of 22,142 women married in 1898 was . . . . . 25·69
" " " " of 19,295 men marrying for the first time in 1898 was . . . . 27·38
" " " " of 20,004 women marrying for the first time in 1898 was . . . 24·44

In table 18 is presented a summary of the number of persons married at different ages. These are classified by sexes, and by their conjugal condition before marriage. The approximate average of each class is also given.

The number of men married in 1898 under twenty years of age was 1·7 per cent. of the whole number of men married whose ages were known, which was ·2 of one per cent. more than the percentage of the same class in 1897; and the number of women married who were under twenty years of age was 15 per cent. of the whole number married whose ages were known as compared with 15·2 per cent. in 1897 and 15·2 per cent. in 1896.

The number of men who were married between the ages of twenty and twenty-five was 33·6 per cent. of the whole number, and the number of women married at the same age was 43·3 per cent. as compared with 34·9 for the men and 43·7 per cent. for the women in 1897. The men who married between twenty-five and thirty was 33·8 of the whole number and the women were 24·2 per cent. of the whole number as compared with 32·9 per cent. for men and 23·6 for women in 1897.

Seven hundred and sixty men and 267 women married after having attained the age of fifty years; 15 men were over seventy-five years of age at the time of marriage and three men were over eighty.

TABLE 19.—*Average Ages at Marriage, 1879–1898.*

YEARS.	Average Age of all Bridegrooms.	Average Age of all Brides.	Average Age of Men Marrying for the First Time.	Average Age of Women Marrying for the First Time
1879, . . .	28·2	25·2	26·7	23·9
1880, . . .	28·9	25·1	26·5	23·8
1881, . . .	23·8	25·1	26·5	23·9
1882, . . .	29·2	25·4	26·5	23·9
1883, . . .	28·8	25·3	26·6	23·4
1884, . . .	29·1	25·1	26·6	24·1
1885, . . .	29·2	25·3	26·8	24·2
1886, . . .	28·9	25·3	26·9	24·2
1887, . . .	29·0	25·5	26·8	24·4
1888, . . .	28·9	25·5	26·8	24·4

TABLE 19. — *Average Ages at Marriage, 1879–1898* — Concluded.

YEARS.	Average Age of all Bridegrooms.	Average Age of all Brides.	Average Age of Men Marrying for the First Time.	Average Age of Women Marrying for the First Time.
1889, . . .	29·1	25·8	26·9	24·5
1890, . . .	28·8	25·5	27·2	24·3
1891, . . .	28·6	25·4	26·8	24·2
1892, . . .	28·8	25·4	26·7	24·3
1893, . . .	28·8	25·5	26·9	24·4
1894, . . .	29·1	25·0	26·9	23·7
1895, . . .	28·9	23·2	26·7	24·4
1896, . . .	29·1	25·6	27·1	24·4
1897, . . .	29·1	24·8	27·1	24·5
1898, . . .	29·2	25·7	27·4	24·4

In table 19 are presented the average ages at marriage of all persons of both sexes for a period of twenty years, and of persons married for the first time for the same period. The average age of women marrying for the first time was the same as in the years 1895 and 1896 and ·1 of one per cent. less than in 1897.

TABLE 20. — *Persons Married who were less than Twenty Years Old.*

AGES.	NUMBERS.	
	Males.	Females.
13 years, ...	–	1
14 "	–	6
15 "	–	25
16 "	3	162
17 "	12	409
18 "	77	1,213
19 "	274	1,502
Totals, ...	366	3,318

Table 20 presents the number of persons married in 1898 who were under twenty years of age.

TABLE 21.—*Conjugal Condition of Persons Married, 1898.*

MALES.	Whole No. of Marriages.	FEMALES.					
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.	Unknown.
Whole number, .	22,142	20,004	2,042	90	6	–	–
First marriage, .	19,295	18,200	1,068	25	2	–	–
Second marriage, .	2 658	1,710	904	43	1	–	–
Third marriage, .	181	89	68	21	3	–	–
Fourth marriage, .	8	5	2	1	–	–	–
Fifth marriage, .	–	–	–	–	–	–	–
Unknown, . .	–	–	–	–	–	–	–

In table 21 is given a statement of the number of persons who were married in 1898, with reference to their conjugal condition; the essential data of this table have already been commented on, and repetition is deemed unnecessary.

TABLE 22.—*Marriages according to Nativity.—Percentages for Twenty Years.*

YEARS.	Both Parties Native Born.	Both Parties Foreign Born.	Native-born Groom and Foreign-born Bride.	Foreign-born Groom and Native-born Bride.	Not stated.
1879, . . .	62·19	20·23	8·29	9·23	·06
1880, . . .	60·15	21·77	8·97	9·09	·02
1881, . . .	58·12	23·36	9·97	8·52	·03
1882, . . .	55·74	25·56	9·86	8·81	·03
1883, . . .	54·98	26·13	9·99	8·85	·05
1884, . . .	52·89	27·37	10·84	8·88	·02
1885, . . .	53·21	26·55	11·04	9·17	·03
1886, . . .	51·46	27·90	11·18	9·43	·02
1887, . . .	49·85	29·02	11·55	9·56	·02
1888, . . .	48·03	30·61	11·64	9·67	·04
1889, . . .	46·94	31·47	12·11	9·47	·01
1890, . . .	46·11	31·50	11·97	10·35	·01
1891, . . .	45·87	32·37	11·58	10·15	·04
1892, . . .	44·57	33·98	11·37	10·08	–
1893, . . .	43·96	34·49	11·55	9·97	·03
1894, . . .	44·44	33·64	11·68	10·24	–
1895, . . .	44·55	33·29	11·79	10·36	·01
1896, . . .	43·97	33·48	11·97	10·55	·03
1897, . . .	43·63	33·88	12·08	10·38	·03
1898, . . .	43·58	33·32	12·31	10·77	·02

In table 22 are presented the percentages for a period of twenty years, 1879–1898 of marriages with reference to the nativity of groom and bride. By this table it appears that there has been in the percentage of the native born, a general decrease up to 1898. The percentages of the foreign born on the other hand show a general increase with a few exceptions varied inversely with the former. In the class of marriages of persons of mixed parentage there has been an increase with considerable uniformity in the whole period.

TABLE 23. — *Marriages per 1,000 of Population.*

	Average.			
	1871-90.	1891.	1892.	1893.
Massachusetts,	18·12	18·9	19·2	19·0
Hungary (15 years),	19·1	17·2	18·4	18·6
Prussia,	16·7	16·3	16·1	16·1
German Empire,	16·4	16·1	15·9	15·8
Austria,	16·3	15·4	15·6	–
England and Wales,	15·6	15·6	15·4	14·7
Italy,	15·6	15·0	15·0	14·7
France,	15·4	15·0	15·2	–
Denmark,	15·2	13·6	13·6	14·1
Holland,	15·1	14·2	14·4	14·6
Switzerland,	14·7	14·4	14·8	14·7
United Kingdom,	14·4	14·6	14·5	13·9
Belgium,	14·2	14·8	15·4	15·2
Scotland,	13·9	13·9	14·1	13·2
Norway,	13·7	13·2	12·7	12·8
Sweden,	13·1	11·7	11·4	–
Ireland,	9·0	9·2	9·3	9·4

In table 23 are presented the marriage rates of various foreign countries and of Massachusetts for the years 1891–2–3, together with the average for the twenty years 1871–1890. For this table the editor is indebted to the work before mentioned of Prof. Mayo-Smith of Columbia College.

DIVORCES.

The causes for which divorce from the bonds of matrimony may be granted in Massachusetts as set forth in the Public Statutes are as follows: —

1. Adultery.
2. Impotency.
3. Sentence to imprisonment at hard labor for five years or more.
4. Desertion for three consecutive years next prior to the filing of the libel.
5. Separation without consent, and union with a religious sect or society holding the relation of husband and wife unlawful.
6. Extreme cruelty.
7. Gross and confirmed habits of intoxication.
8. Cruel and abusive treatment.
9. Neglect to provide.
10. Gross and confirmed drunkenness from opium or other drugs.

A marriage may be declared void in consequence of violation of the provisions of the laws concerning marriage; that is, a separation may be granted because of the demonstration of conditions obtaining at the time of, or previous to the alleged marriage which show that there never was a legal marriage. It appears that no separation for such cause was decreed till 1886 when one such divorce was granted to a male in Worcester county.

For at least a quarter of a century no divorces have been granted on the ground of union with a religious sect holding the relation of husband and wife unlawful.

The causes for which divorces were granted in Massachusetts in 1898, were as follows: —

1. Adultery.
2. Cruel and abusive treatment.
3. Desertion.
4. Extreme cruelty.
5. Imprisonment.
6. Impotency.
7. Intoxication.
8. Neglect to provide.
9. Nullity of marriage.

It appears that in the year 1898 the whole number of divorces granted was 1,182 which is 59 more than the whole number

granted in the year 1897, but 48 less than the number granted in 1896; and it further appears by reference to former reports that the total number of divorces granted in 1898 is greater by 219 than the average number granted in the ten year period 1889–1898.

Causes. — Of the whole number of divorces granted in 1898, 243, or 20.6 per cent., were granted on the ground of adultery, as compared with 18·2 per cent. in 1897, and 20·7 per cent. in 1896, while for the ten year period 1889–1898 the average percentage was 20·7. The percentage of divorces granted on the ground of desertion (total 500) was in 1898, 42·30, in 1897 the percentage was 45·77 and in 1896 47·39, while for the ten year period it was 47·27. Although refusal to cohabit is mentioned in the statutes as a cause for divorce it must be accompanied with alliance with a religious sect holding the relation of husband and wife unlawful. The single case of libel brought on the ground of refusal to cohabit alleged that this refusal was cruelty, but the court held that it was not the kind of cruelty on which a divorce could be granted, and as previously stated, there is no case reported where the ground alleged was alliance with a religious sect holding the marital relation unlawful.

On pages 150–165 may be found the statistics relating to divorces in Massachusetts for the period of ten years ending with 1898. The number for each county is specified for each year of the period, the sexes in favor of which they were granted, and the causes for which they were granted.

During the period embraced in the tables (1889–1898) 9,640 divorces were granted, a total greater by 558 than the number granted in the ten years ending in 1897.

Sex. — Of the whole number granted in the ten year period 6,693, or 69·43 per cent., were granted on complaint of the wife.

Of the divorces granted on the ground of adultery, 966 or 50·5 per cent. were decreed to the wife; of those on account of desertion, 62·27 per cent.; of those on account of intoxication, 83·33 per cent.; of those on account of extreme cruelty, 97·84 per cent.; of those on account of cruel and abusive

treatment, 96·82 per cent.; and of those on account of neglect to provide, 100 per cent.

Causes. — Of the whole number of divorces granted in the period of ten years ending with 1898, 1,912 or 19·8 per cent., were granted on account of adultery; 4,557 or 47·3 per cent., on account of desertion; 1,224 or 12·7 per cent., on account of intoxication; 417 or 4·3 per cent., on account of extreme cruelty; 1,102 or 11·4 per cent., on account of cruel and abusive treatment; and 307 or 3·2 per cent., on account of neglect to provide.

Counties. — The percentages of divorce granted on account of adultery as compared with the total number decreed in each county, are as follows for the ten years ending in 1898, beginning with the county having the highest percentage.

Bristol,	24·4	Worcester,	16·9
Suffolk,	22·2	Hampshire,	15·5
Middlesex,	21·0	Berkshire,	14·6
Essex,	19·8	Hampden,	14·5
Plymouth,	19·3	Norfolk,	14·5
Franklin,	19·1	Dukes and Nantucket,	2·9
Barnstable,	18·7		

For desertion the percentages are as follows: —

Barnstable,	54·5	Middlesex,	48·2
Norfolk,	53·8	Dukes and Nantucket,	47·1
Essex,	52·6	Worcester,	46·6
Plymouth,	50.1	Suffolk,	45·7
Berkshire,	49·5	Hampden,	43·1
Hampshire,	49·3	Bristol,	39·4
Franklin,	49·0		

For intoxication the percentages are as follows: —

Hampden,	20·9	Middlesex,	12·0
Bristol,	15·9	Suffolk,	12·0
Worcester,	15·6	Plymouth,	10·2
Hampshire,	15·5	Franklin,	10·2
Dukes and Nantucket,	14·7	Essex,	8·7
Norfolk,	13·5	Barnstable,	7·3
Berkshire,	13·3		

For extreme cruelty the percentages are as follows: —

Middlesex,	11·3	Essex,	3·4
Dukes and Nantucket,	8·8	Franklin,	3·2
Berkshire,	4·9	Plymouth,	3·2
Hampden,	4·7	Norfolk,	2.4
Barnstable,	4·1	Suffolk,	2·2
Hampshire,	3·7	Worcester,	2·2
Bristol,	3·4		

In table 24 are presented the ratios of divorces to marriages in each year for the period of ten years ending with 1898. The ratio for the entire period was one to 22·9.

The highest ratio was in 1894, one to 18·6, and the lowest one to 31·9 in 1890.

For the year 1898 it was one to 18·7 which was the highest ratio of any year in the whole period except 1894.

The average marriage rate for the ten years (1889–1898) was 18·27 per 1,000 of the population. For the ten years 1879–1888 it was 18·13 which shows an increase in the decade 1889–1898 of ·14 per 1,000 of the population.

Comparing the same periods with reference to the ratio of divorces to marriages, it appears that there was from one to 29·30 in the former period to one in 22.9 in the latter.

TABLE 24. — *Ratio of Divorces to Marriages. — Ten Years.*

YEARS.	Number of Marriages.	Marriage-rates per 1,000.	Number of Divorces.	Ratio of Divorces to Marriages.
1889,	20,397	*18.72	756	1 to 26.9
1890,	20,838	18.62	654	1 to 31.9
1891,	21,675	*19.01	799	1 to 27.1
1892,	22,507	*19.24	790	1 to 28.5
1893,	22,814	*19.07	1,045	1 to 21.8
1894,	20,619	*16.86	1,107	1 to 18.6
1895,	23,102	18.48	954	1 to 24.2
1896,	23,651	*18.51	1,230	1 to 19.2
1897,	23,038	*17.64	1,123	1 to 20.6
1898,	22,142	*16.58	1,182	1 to 18.7
Totals and averages,	220,783	18.27	9,640	1 to 22.9

* Estimated.

TABLE 25. — *Ratio of Total Number of Divorces to Total Number of Marriages, by Counties and Causes. — Ten Years, 1889–1898.*

COUNTIES.	Number of Marriages.	ADULTERY.		DESERTION.		INTOXICATION.		EXTREME CRUELTY.		ALL OTHER CAUSES.	
		Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.
Barnstable,	2,160	23	1 to 93·9	67	1 to 32·2	9	1 to 240·0	5	1 to 432·0	18	1 to 120·0
Berkshire,	6,181	47	1 to 131·5	159	1 to 32·6	43	1 to 146·1	16	1 to 386·3	56	1 to 116·4
Bristol,	20,398	172	1 to 118·6	278	1 to 73·0	112	1 to 182·1	24	1 to 849·9	120	1 to 169·9
Dukes and Nantucket,	578	1	1 to 578·0	16	1 to 36·1	5	1 to 115·6	3	1 to 192·6	9	1 to 64·2
Essex,	28,401	292	1 to 97·3	777	1 to 36·4	129	1 to 220·2	50	1 to 568·0	230	1 to 123·5
Franklin,	3,024	30	1 to 100·8	77	1 to 39·3	16	1 to 188·9	5	1 to 604·8	28	1 to 108·0
Hampden,	13,878	86	1 to 161·3	256	1 to 54·2	124	1 to 111·1	28	1 to 495·5	100	1 to 138·7
Hampshire,	4,225	21	1 to 201·2	67	1 to 61·6	21	1 to 201·2	5	1 to 845·0	22	1 to 192·0
Middlesex,	40,523	304	1 to 133·3	682	1 to 59·4	174	1 to 232·9	163	1 to 248·6	122	1 to 332·1
Norfolk,	9,228	42	1 to 219·7	156	1 to 59·2	39	1 to 238·8	7	1 to 1,318·3	46	1 to 200·6
Plymouth,	7,737	86	1 to 89·9	236	1 to 32·7	48	1 to 161·1	15	1 to 516·5	86	1 to 89·9
Suffolk,	59,060	631	1 to 937·3	1,299	1 to 45·6	341	1 to 173·2	73	1 to 809·0	497	1 to 118·8
Worcester,	25,390	177	1 to 143·4	487	1 to 52·1	163	1 to 156·9	23	1 to 1,103·9	195	1 to 136·2
The State,	220,781	1,912	1 to 115·5	4,557	1 to 48·2	1,224	1 to 179·5	417	1 to 529·4	1,529	1 to 144·4

TABLE 26. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

THE STATE.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Nullity of Marriage.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	78	68	146	162	216	378	12	89	101	1	35	36	3	66	69	–	20	20	–	–	–	–	2	2	2	2	4	258	498	756
1890, . .	67	69	136	136	199	335	14	74	88	–	17	17	–	56	56	–	11	11	–	3	3	–	1	1	3	4	7	220	434	654
1891, . .	69	71	140	153	236	389	16	93	109	–	39	39	3	91	94	–	18	18	–	2	2	1	1	2	1	4	5	243	555	799
1892, . .	86	80	166	132	244	376	21	83	104	–	18	18	4	82	86	–	29	29	–	4	4	–	1	1	3	3	6	246	544	790
1893, . .	106	113	219	191	307	498	22	118	140	1	25	26	1	133	134	–	16	16	1	4	5	–	1	1	3	3	6	325	720	1,045
1894, . .	104	117	221	172	339	511	26	128	154	2	56	58	4	114	118	–	32	32	–	4	4	–	–	–	3	6	9	311	796	1,107
1895, . .	90	93	183	175	298	473	13	88	101	3	64	67	2	88	90	–	30	30	–	1	1	1	–	1	4	4	8	288	666	954
1896, . .	121	133	254	222	361	583	24	130	154	–	65	65	6	118	124	–	39	39	1	5	6	–	–	–	2	3	5	376	854	1,230
1897, . .	95	109	204	185	329	514	24	99	123	2	59	61	5	142	147	–	54	54	–	3	3	1	2	3	7	7	14	319	804	1,123
1898, . .	130	113	243	191	309	500	32	118	150	–	30	30	7	177	184	–	58	58	–	6	6	–	5	5	1	5	6	361	821	1,182
Totals,	946	966	1,912	1,719	2,838	4,557	204	1,020	1,224	9	408	417	35	1,067	1,102	–	307	307	2	32	34	3	13	16	29	41	70	2,947	6,692	9,639

TABLE 27. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

BARNSTABLE COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, ...	2	1	3	6	5	11	–	–	–	–	–	–	–	1	1	–	1	1	8	8	16
1890, ...	2	2	4	3	1	4	–	2	2	–	2	2	–	–	–	–	1	1	5	9	14
1891, ...	–	1	1	4	–	4	–	1	1	–	–	–	–	–	–	–	1	1	4	3	7
1892, ...	1	1	2	5	2	7	–	1	1	–	–	–	–	–	–	–	–	–	6	4	10
1893, ...	1	–	1	3	5	8	–	–	–	–	–	–	–	1	1	–	–	–	4	6	10
1894, ...	–	1	1	3	3	6	–	–	–	–	–	–	–	3	3	–	–	–	3	7	10
1895, ...	4	–	4	2	4	6	–	–	–	–	1	1	–	3	3	–	–	–	6	8	14
1896, ...	1	–	1	4	1	5	1	1	2	–	–	–	1	4	5	–	–	–	7	6	13
1897, ...	3	–	3	2	4	6	–	1	1	–	1	1	–	–	–	–	–	–	5	6	11
1898, ...	1	2	3	6	4	10	–	2	2	–	1	1	–	2	2	–	–	–	7	11	18
Totals, . .	15	8	23	38	29	67	1	8	9	–	5	5	1	14	15	–	3	3	55	68	123

TABLE 28. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

BERKSHIRE COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	3	1	4	3	6	9	–	2	2	–	3	3	–	1	1	–	–	–	–	–	–	–	–	–	6	13	19
1890, . .	–	4	4	10	4	14	–	5	5	–	1	1	–	3	3	–	1	1	–	–	–	–	–	–	10	18	28
1891, . .	1	4	5	7	7	14	–	5	5	–	2	2	–	4	4	–	1	1	–	–	–	–	–	–	8	23	31
1892, . .	–	2	2	4	6	10	–	2	2	–	2	2	–	4	4	–	–	–	–	–	–	–	–	–	4	16	20
1893, . .	3	3	6	9	10	19	–	4	4	1	–	1	1	7	8	–	1	1	–	–	–	–	–	–	14	25	39
1894, . .	3	1	4	7	8	15	–	3	3	–	3	3	–	1	1	–	1	1	–	–	–	–	–	–	10	17	27
1895, . .	3	3	6	11	10	21	–	4	4	–	2	2	–	4	4	–	1	1	–	–	–	–	–	–	14	24	38
1896, . .	4	2	6	8	18	26	–	4	4	–	–	–	–	7	7	–	1	1	–	–	–	–	–	–	12	32	44
1897, . .	2	–	2	8	8	16	1	5	6	–	1	1	–	8	8	–	–	–	–	–	–	–	–	–	11	22	33
1898, . .	4	4	8	7	8	15	–	8	8	–	1	1	–	10	10	–	–	–	–	–	–	–	–	–	11	31	42
Totals, .	23	24	47	74	85	159	1	42	43	1	15	16	1	49	50	–	6	6	–	–	–	–	–	–	100	221	321

TABLE 29. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

BRISTOL COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Nullity of Marriage.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . . .	9	5	14	14	12	26	-	8	8	-	5	5	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	23	33	56
1890, . . .	4	14	18	11	12	23	1	5	6	-	-	-	-	2	2	-	1	1	-	-	-	-	-	-	-	-	-	16	34	50
1891, . . .	6	5	11	6	12	18	1	-	1	-	7	7	-	4	4	-	3	3	-	-	-	-	1	1	-	-	-	13	32	45
1892, . . .	9	4	13	7	16	23	2	9	11	-	4	4	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	18	34	52
1893, . . .	7	8	15	13	15	28	1	10	11	-	1	1	-	10	10	-	1	1	-	1	1	-	-	-	-	1	1	21	47	68
1894, . . .	13	10	23	14	15	29	6	14	20	-	2	2	-	11	11	-	4	4	-	-	-	-	-	-	1	-	1	34	56	90
1895, . . .	6	4	10	7	31	38	4	8	12	-	2	2	-	10	10	-	1	1	-	1	1	-	-	-	1	-	1	18	57	75
1896, . . .	15	10	25	12	19	31	2	13	15	-	-	-	1	12	13	-	4	4	-	-	-	-	-	-	1	1	2	31	59	90
1897, . . .	8	11	19	12	25	37	-	14	14	-	2	2	-	15	15	-	3	3	-	-	-	-	-	-	2	-	2	22	70	92
1898, . . .	15	9	24	6	19	25	6	8	14	-	1	1	-	18	18	-	4	4	-	-	-	-	1	1	-	1	1	27	61	88
Totals, . .	92	80	172	102	176	278	23	89	112	-	24	24	1	86	87	-	21	21	-	2	2	-	2	2	5	3	8	223	483	706

TABLE 30. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

DUKES AND NANTUCKET COUNTIES.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . . .	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	2	1	3
1890, . . .	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	1	1	2
1891, . . .	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
1892, . . .	–	–	–	1	–	1	–	1	1	–	–	–	–	2	2	–	–	–	1	3	4
1893, . . .	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
1894, . . .	–	–	–	1	–	1	–	2	2	–	–	–	–	1	1	–	–	–	1	3	4
1895, . . .	–	–	–	4	1	5	–	1	1	–	–	–	–	2	2	–	–	–	4	4	8
1896, . . .	–	–	–	1	–	1	–	–	–	–	1	1	–	1	1	–	–	–	1	2	3
1897, . . .	–	1	1	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	3	3
1898, . . .	–	–	–	–	1	1	–	1	1	–	1	1	–	1	1	–	–	–	–	4	4
Totals, . .	–	1	1	11	5	16	–	5	5	–	3	3	1	8	9	–	–	–	12	22	34

TABLE 31. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

ESSEX COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	19	15	34	29	41	70	–	9	9	–	4	4	1	12	13	–	3	3	–	–	–	–	–	–	49	84	133
1890, . .	12	13	25	24	35	59	5	12	17	–	4	4	–	9	9	–	1	1	–	–	–	–	–	–	41	74	115
1891, . .	11	5	16	18	34	52	2	7	9	–	6	6	1	18	19	–	–	–	–	–	–	–	–	–	32	70	102
1892, . .	9	17	26	16	39	55	2	13	15	–	5	5	–	16	16	–	–	–	–	1	1	–	–	–	27	91	118
1893, . .	11	14	25	29	40	69	2	11	13	–	3	3	–	18	18	–	–	–	1	–	1	–	–	–	43	86	129
1894, . .	19	16	35	31	66	97	3	11	14	1	5	6	–	27	27	–	4	4	–	1	1	–	–	–	54	130	184
1895, . .	9	6	15	30	56	86	–	8	8	–	2	2	–	18	18	–	1	1	–	–	–	–	–	–	39	91	130
1896, . .	11	24	35	42	89	131	3	17	20	–	5	5	–	31	31	–	3	3	1	–	1	–	–	–	57	169	226
1897, . .	19	17	36	33	51	84	5	5	10	–	14	14	1	16	17	–	5	5	–	–	–	–	–	–	58	108	166
1898, . .	24	21	45	21	53	74	–	14	14	–	1	1	1	31	32	–	7	7	–	–	–	–	–	–	46	127	173
Totals, .	144	148	292	273	504	777	22	107	129	1	49	50	4	196	200	–	24	24	2	2	4	–	–	–	446	1,030	1,476

TABLE 32. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

FRANKLIN COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	–	3	3	3	3	6	–	–	–	–	3	3	–	2	2	–	–	–	–	–	–	3	11	14
1890, . .	2	2	4	–	1	1	–	2	2	–	–	–	–	–	–	–	1	1	–	1	1	2	7	9
1891, . .	–	4	4	2	2	4	–	1	1	–	–	–	–	6	6	–	–	–	–	–	–	2	13	15
1892, . .	–	1	1	3	2	5	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	3	5	8
1893, . .	–	2	2	4	2	6	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	4	6	10
1894, . .	4	1	5	6	4	10	–	1	1	–	–	–	–	2	2	–	–	–	–	1	1	10	9	19
1895, . .	2	1	3	2	7	9	–	–	–	–	–	–	–	4	4	–	–	–	–	–	–	4	12	16
1896, . .	2	1	3	4	8	12	–	5	5	–	–	–	–	2	2	–	1	1	–	–	–	7	17	24
1897, . .	2	2	4	–	9	9	–	2	2	–	1	1	–	3	3	–	2	2	–	–	–	2	19	21*
1898, . .	1	–	1	3	12	15	–	3	3	–	–	–	–	2	2	–	–	–	–	–	–	4	17	21
Totals, .	13	17	30	27	50	77	–	16	16	–	5	5	–	22	22	–	4	4	–	2	2	41	116	157

* Impotency, one female.

TABLE 33. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

HAMPDEN COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, ...	3	–	3	11	8	19	–	13	13	–	5	5	1	6	7	–	2	2	–	–	–	15	34	49
1890, ...	4	2	6	10	21	31	–	5	5	–	1	1	–	6	6	–	–	–	–	–	–	14	35	49
1891, ...	3	4	7	14	16	30	2	14	16	–	2	2	–	8	8	–	–	–	–	1	1	19	45	64
1892, ...	7	5	12	4	7	11	–	9	9	–	2	2	–	1	1	–	4	4	–	–	–	11	28	39
1893, ...	6	8	14	8	17	25	3	17	20	–	2	2	–	12	12	–	1	1	–	–	–	17	57	74
1894, ...	8	3	11	11	12	23	–	15	15	–	10	10	–	1	1	–	2	2	–	–	–	19	43	62
1895, ...	1	4	5	10	17	27	1	11	12	–	4	4	–	1	1	–	3	3	–	–	–	12	40	52
1896, ...	3	6	9	17	14	31	1	11	12	–	1	1	–	7	7	–	6	6	–	–	–	21	45	66
1897, ...	4	3	7	13	14	27	–	12	12	–	–	–	2	11	13	–	3	3	–	1	1	19	44	63
1898, ...	8	4	12	17	15	32	5	5	10	–	1	1	1	10	11	–	9	9	–	1	1	31	45	76
Totals, . .	47	39	86	115	141	256	12	112	124	–	28	28	4	63	67	–	30	30	–	3	3	178	416	594

TABLE 34. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

HAMPSHIRE COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females,	Both Sexes.
1889, ...	–	–	–	1	1	2	–	3	3	–	–	–	–	3	3	–	1	1	–	–	–	1	8	9
1890, ...	–	1	1	1	3	4	–	–	–	–	–	–	–	4	4	–	–	–	–	–	–	1	8	9
1891, ...	2	–	2	6	5	11	–	4	4	–	–	–	–	–	–	–	–	–	–	–	–	8	9	17
1892, ...	3	–	3	3	5	8	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	7	7	14
1893, ...	1	1	2	4	5	9	–	1	1	–	–	–	–	1	1	–	1	1	–	1	1	5	10	15
1894, ...	1	1	2	5	3	8	1	1	2	–	1	1	–	3	3	–	–	–	–	–	–	7	9	16
1895, ...	1	–	1	4	5	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	6	11*
1896, ...	1	3	4	3	5	8	–	2	2	–	2	2	–	2	2	–	–	–	–	–	–	4	14	18
1897, ...	–	2	2	–	5	5	–	1	1	–	2	2	–	2	2	–	–	–	–	–	–	–	12	12
1898, ...	1	3	4	1	2	3	–	5	5	–	–	–	–	2	2	–	–	–	–	–	–	2	13	15†
Totals, . .	10	11	21	28	39	67	2	19	21	–	5	5	–	17	17	–	2	2	–	1	1	40	96	136

* One female, nullity of marriage.

† One female, impotency.

TABLE 35. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

MIDDLESEX COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	8	15	23	28	21	49	4	11	15	–	5	5	–	5	5	–	–	–	–	–	–	–	1	1	40	58	98
1890, . .	7	6	13	17	18	35	–	7	7	–	3	3	–	3	3	–	1	1	–	1	1	–	–	–	24	39	63
1891, . .	3	8	11	27	36	63	4	5	9	–	7	7	–	13	13	–	1	1	–	–	–	–	–	–	34	71	*105
1892, . .	9	7	16	16	36	52	4	8	12	–	–	–	1	17	18	–	4	4	–	–	–	–	1	1	30	73	103
1893, . .	20	26	46	37	64	101	3	21	24	–	4	4	–	21	21	–	2	2	–	1	1	–	1	1	60	140	200
1894, . .	11	19	30	23	50	73	2	16	18	–	25	25	–	–	–	–	1	1	–	–	–	–	–	–	36	111	147
1895, . .	14	26	40	21	42	63	1	14	15	3	26	29	–	1	1	–	5	5	–	–	–	–	–	–	39	114	153
1896, . .	21	23	44	31	49	80	7	19	26	–	44	44	–	–	–	–	3	3	–	1	1	–	–	–	59	139	198
1897, . .	20	18	38	34	51	85	5	12	17	2	26	28	–	–	–	–	8	8	–	–	–	–	–	–	61	115	176
1898, . .	21	22	43	27	54	81	4	27	31	–	18	18	2	16	18	–	10	10	–	1	1	–	–	–	54	148	202
Totals,	134	170	304	261	421	682	34	140	174	5	158	163	3	76	79	–	35	35	–	4	4	–	3	3	437	1,008	1,445

* One female, nullity of marriage.

TABLE 36. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

NORFOLK COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . . .	4	1	5	3	8	11	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	7	11	18
1890, . . .	3	1	4	5	8	13	–	4	4	–	–	–	–	2	2	–	1	1	–	–	–	9	16	25*
1891, . . .	3	1	4	3	9	12	–	3	3	–	1	1	–	4	4	–	2	2	–	–	–	6	20	26
1892, . . .	3	2	5	4	12	16	–	2	2	–	1	1	–	3	3	–	–	–	–	–	–	7	20	27
1893, . . .	2	–	2	4	13	17	1	6	7	–	2	2	–	1	1	–	–	–	–	–	–	7	23	30†
1894, . . .	1	2	3	6	15	21	2	4	6	–	–	–	1	2	3	–	1	1	–	1	1	10	25	35
1895, . . .	1	3	4	5	10	15	–	6	6	–	1	1	–	4	4	–	1	1	–	–	–	6	25	31
1896, . . .	–	4	4	7	14	21	–	5	5	–	1	1	–	2	2	–	1	1	–	1	1	7	28	35
1897, . . .	2	2	4	3	10	13	2	3	5	–	–	–	–	5	5	–	1	1	–	–	–	7	21	28
1898, . . .	2	5	7	10	7	17	–	1	1	–	–	–	–	9	9	–	1	1	–	–	–	12	23	35
Totals, .	21	21	42	50	106	156	5	34	39	–	7	7	1	33	34	–	8	8	–	2	2	78	212	290

* One male, nullity of marriage.

† One female, nullity of marriage.

TABLE 37. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

PLYMOUTH COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	5	1	6	5	15	20	–	4	4	–	–	–	–	5	5	–	2	2	–	–	–	–	1	1	10	28	38
1890, . .	3	3	6	10	6	16	1	1	2	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–	14	13	27
1891, . .	3	4	7	8	21	29	–	6	6	–	–	–	–	5	5	–	1	1	–	–	–	–	–	–	11	37	48
1892, . .	4	4	8	4	10	14	–	3	3	–	–	–	–	7	7	–	3	3	–	–	–	–	–	–	8	27	35
1893, . .	6	3	9	16	13	29	–	7	7	–	–	–	–	12	12	–	1	1	–	–	–	–	–	–	22	36	58
1894, . .	6	2	8	4	23	27	1	8	9	1	3	4	–	3	3	–	–	–	–	–	–	–	–	–	12	39	51
1895, . .	7	8	15	8	17	25	1	5	6	–	8	8	–	–	–	–	2	2	–	–	–	–	–	–	16	40	56
1896, . .	4	6	10	7	16	23	–	4	4	–	1	1	–	3	3	–	2	2	–	–	–	–	–	–	11	32	43
1897, . .	3	4	7	11	14	25	1	5	6	–	2	2	1	10	11	–	6	6	–	–	–	–	–	–	17	43	60*
1898, . .	8	2	10	13	15	28	1	–	1	–	–	–	–	11	11	–	5	5	–	–	–	–	–	–	22	33	55
Totals, .	49	37	86	86	150	236	5	43	48	1	14	15	1	59	60	–	22	22	–	–	–	–	1	1	143	328	471

* One male, two females, nullity of marriage.

TABLE 38. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

SUFFOLK COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Nullity of Marriage.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, ...	19	16	35	38	76	114	7	26	33	1	8	9	-	18	18	-	8	8	-	-	-	-	-	-	2	2	4	67	154	221
1890, ...	24	16	40	30	66	96	7	15	22	-	4	4	-	10	10	-	1	1	-	1	1	-	1	1	2	4	6	63	118	181
1891, ...	29	25	54	43	65	108	6	27	33	-	11	11	1	17	18	-	3	3	-	1	1	1	1	2	1	3	4	81	153	234
1892, ...	28	27	55	47	79	126	10	19	29	-	2	2	2	32	34	-	10	10	-	3	3	-	-	-	3	3	6	90	175	265
1893, ...	38	36	74	43	92	135	12	21	33	-	11	11	-	32	32	-	4	4	-	-	-	-	-	-	3	1	4	96	197	293
1894, ...	31	49	80	41	108	149	9	36	45	-	6	6	3	45	48	-	14	14	-	1	1	-	-	-	2	6	8	86	265	351
1895, ...	31	31	62	48	72	120	5	17	22	-	14	14	1	28	29	-	15	15	-	-	-	1	-	1	3	3	6	89	180	269
1896, ...	44	48	92	64	96	160	10	35	45	-	7	7	4	31	35	-	14	14	-	1	1	-	-	-	1	2	3	123	234	357
1897, ...	23	40	63	48	98	146	8	28	36	-	8	8	-	56	56	-	14	14	-	1	1	1	1	2	3	5	8	83	251	334
1898, ...	41	35	76	58	87	145	14	29	43	-	1	1	3	46	49	-	12	12	-	4	4	-	2	2	1	3	4	117	219	336
Totals, . .	308	323	631	460	839	1,299	88	253	341	1	72	73	14	315	329	-	95	95	-	12	12	3	5	8	21	32	53	895	1,946	2,841

TABLE 39. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

WORCESTER COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1889, . .	6	10	16	20	19	39	1	13	14	–	1	1	–	9	9	–	3	3	–	–	–	–	–	–	27	55	82
1890, . .	6	5	11	14	24	38	–	16	16	–	1	1	–	14	14	–	3	3	–	–	–	–	–	–	20	63	83
1891, . .	8	10	18	14	28	42	1	20	21	–	3	3	1	12	13	–	6	6	–	–	–	–	–	–	24	79	103
1892, . .	13	10	23	18	30	48	2	13	15	–	2	2	1	–	1	–	8	8	–	–	–	–	–	–	34	63	97
1893, . .	11	12	23	20	31	51	–	19	19	–	1	1	–	16	16	–	3	3	–	1	1	–	–	–	31	83	114
1894, . .	7	12	19	20	32	52	2	17	19	–	1	1	–	15	15	–	5	5	–	–	–	–	–	–	29	82	111
1895, . .	11	7	18	23	26	49	1	14	15	–	4	4	1	13	14	–	1	1	–	–	–	–	–	–	36	65	101
1896, . .	15	6	21	22	32	54	–	14	14	–	3	3	–	16	16	–	4	4	–	2	2	–	–	–	37	77	114
1897, . .	9	9	18	21	39	60	2	11	13	–	2	2	1	15	16	–	12	12	–	1	1	–	–	–	34	89	123*
1898, . .	4	6	10	22	32	54	2	15	17	–	5	5	–	19	19	–	10	10	–	–	–	–	1	1	28	89	117†
Totals, .	90	87	177	194	293	487	11	152	163	–	23	23	4	129	133	–	55	55	–	4	4	–	1	1	300	745	1,045

* One male, nullity of marriage.

† One female, nullity of marriage.

TABLE 40. — *Total Number of Divorces Granted by Counties and Statute Causes. — Ten Years.*

COUNTIES.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Nullity of Marriage.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
Barnstable,	15	8	23	38	29	67	1	8	9	-	5	5	1	14	15	-	3	3	-	-	-	-	-	-	-	-	-	55	67	123
Berkshire,	23	24	47	74	85	159	1	42	43	1	15	16	1	49	50	-	6	6	-	-	-	-	-	-	-	-	-	100	221	321
Bristol,	92	80	172	102	176	278	23	89	112	-	24	24	1	86	87	-	21	21	-	2	2	-	2	2	5	3	8	223	483	706
Dukes and Nantucket,	-	1	1	11	5	16	-	5	5	-	3	3	1	8	9	-	-	-	-	-	-	-	-	-	-	-	-	12	22	34
Essex,	144	148	292	273	504	777	22	107	129	1	49	50	4	196	200	-	26	26	2	2	4	-	-	-	-	-	-	446	1,032	1,478
Franklin,	13	17	30	27	50	77	-	16	16	-	5	5	-	22	22	-	4	4	-	2	2	-	-	-	-	-	-	40	116	156
Hampden,	47	39	86	115	141	256	12	112	124	-	28	28	4	63	67	-	30	30	-	3	3	-	-	-	-	-	-	178	416	594
Hampshire,	10	11	21	28	39	67	2	19	21	-	5	5	-	17	17	-	2	2	-	1	1	-	1	1	-	1	1	40	96	136
Middlesex,	134	170	304	261	421	682	34	140	174	5	158	163	3	76	79	-	35	35	-	4	4	-	3	3	-	1	1	437	1,008	1,445
Norfolk,	21	21	42	50	106	156	5	34	39	-	7	7	1	33	34	-	8	8	-	2	2	-	-	-	1	1	2	78	212	290
Plymouth,	49	37	86	86	150	236	5	43	48	1	14	15	1	59	60	-	22	22	-	-	-	-	1	1	1	2	3	143	328	471
Suffolk,	308	323	631	460	839	1,299	88	253	341	1	72	73	14	315	329	-	95	95	-	12	12	3	5	8	21	32	53	895	1,946	2,841
Worcester,	90	87	177	194	293	487	11	152	163	-	23	23	4	129	133	-	55	55	-	4	4	-	1	1	1	1	2	300	745	1,045
The State,	946	966	1,912	1,719	2,838	4,557	204	1,020	1,224	9	408	417	35	1,067	1,102	-	307	307	2	32	34	3	13	16	29	41	70	2,947	6,692	9,639

DEATHS.

The total number of deaths reported for the year 1898 was 46,761, which was 658 less deaths than the number reported in 1897, and 2,620 less than the number reported in 1896.

It was less by 817 than the average mortality of the five years ending with 1898. The death-rate for the year was 17·55 per thousand of the living population as estimated, which was less than that of the previous year, and less than the rate in any year since 1867.

The number of deaths of infants under one year was 11,012, which was the largest number in the last twenty years except the year 1896.

The lowest infant mortality in the twenty year period was 5,085 in 1879.

The percentage of deaths of children under one year of age to the total mortality in 1898 was 23·34 as compared with 22·67 in 1897 and 23·82 in 1896.

In table 41 is stated the number of deaths and the death-rates per 1,000 of the living population for each year, and for the quinquennial periods from 1851 to 1898 inclusive.

The death-rates in non-census years are estimated. The average death-rate for the forty-five years differs very little from the annual means of the five-year period ending 1895.

In table 42 are stated the death-rates for the different counties for the seven census years 1865–1895, and also the number of deaths in each county for the ten-year period 1889–1898.

In all the counties there was a decrease of deaths as compared with previous years except in Barnstable, Berkshire, Essex, Franklin, Hampden and Plymouth, Dukes county reporting the same number as in 1897.

TABLE 41. — *Deaths and Death-rates, 1851–1898.*

YEARS.	Deaths Registered.	Deaths to 1,000 Persons Living.	Annual Means of Quinquennial Periods.
1851,	18,934	18·52	
1852,	18,482	17·61	
1853,	20,301	18·85	18·55
1854,	21,411	19·38	
1855,	**20,798**	**18·37**	
1856,	20,735	17·99	
1857,	21,280	18·16	
1858,	20,776	17·44	17·93
1859,	20,976	17·32	
1860,	**23,068**	**18·74**	
1861,	24,085	19·45	
1862,	22,974	18·45	
1863,	27,751	22·16	20·71
1864,	28,723	22·82	
1865,	**26,152**	**20·64**	
1866,	23,637	18·11	
1867,	22,772	16·95	
1868,	25,603	18·53	18·15
1869,	26,054	18·35	
1870,	**27,329**	**18·75**	
1871,	27,943	18·67	
1872,	35,019	22·81	
1873,	33,912	21·54	20·80
1874,	31,887	19·77	
1875,	**34,978**	**21·17**	
1876,	33,186	19·77	
1877,	31,342	18·40	
1878,	31,303	18·09	18·83
1879,	31,801	18·10	
1880,	**35,292**	**19·79**	
1881,	36,458	20·09	
1882,	36,785	19·92	
1883,	37,748	20·09	19·81
1884,	36,990	19·36	
1885,	**38,094**	**19·61**	
1886,	37,244	18·61	
1887,	40,763	19·78	
1888,	42,097	19·86	19·37
1889,	41,777	19·17	
1890,	**43,528**	**19·44**	
1891,	45,185	19·74	
1892,	48,762	20·84	
1893,	49,084	20·52	19·83
1894,	46,791	19·13	
1895,	**47,540**	**19·01**	
1896,	49,381	19·32	
1897,	47,419	18·15	
1898,	46,761	17·55	

TABLE 42. — *Death-rates by Counties, 1865, 1870, 1875, 1880, 1885, 1890, 1895, and Deaths, 1889–1898.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	STATE.
Death-rates, 1865, . .	17·8	17·9	20·4	15·4	21·7	18·4	19·0	20·9	19·1	28·0	19·1	22·0	23·3	21·2	20·6
" " 1870, . .	14·5	15·4	18·1	14·3	17·4	16·9	19·1	17·1	18·9	22·6	15·6	16·2	23·7	17·9	18·7
" " 1875, . .	19·1	18·9	20·7	17·2	21·1	19·8	20·4	20·4	20·9	26·2	17·4	18·6	25·7	18·4	21·1
" " 1880, . .	19·0	16·0	21·4	13·9	20·2	16·1	19·9	18·1	18·1	30·9	16·1	16·8	23·4	18·9	19·7
" " 1885, . .	18·8	18·0	20·6	25·4	18·1	15·8	18·4	16·9	18·6	33·7	16·7	17·5	24·2	18·1	19·6
" " 1890, . .	19·4	18·2	20·3	25·4	20·0	15·8	19·6	18·5	18·4	24·5	16·5	16·9	22·3	17·8	19·4
" " 1895, . .	21·4	16·1	19·5	22·9	18·9	15·2	19·2	16·7	18·0	25·2	16·1	16·7	22·4	17·9	19·0
Deaths, 1889, . . .	542	1,328	3,499	89	5,418	574	2,487	860	7,750	87	1,877	1,412	10,933	4,921	41,777
" 1890, . . .	567	1,476	3,778	111	6,007	610	2,653	959	7,948	80	1,968	1,563	10,819	4,989	43,528
" 1891, . . .	615	1,436	4,109	109	5,916	699	2,644	969	8,506	80	1,945	1,580	11,357	5,220	45,185
" 1892, . . .	640	1,560	4,367	99	6,272	766	3,181	1,051	9,038	120	2,087	1,759	12,013	5,809	48,762
" 1893, . . .	592	1,505	4,608	115	6,064	654	2,999	1,037	9,420	88	2,294	1,751	12,280	5,677	49,084
" 1894, . . .	559	1,391	4,416	108	5,584	608	2,616	910	8,862	97	2,176	1,677	12,385	5,402	46,791
" 1895, . . .	592	1,386	4,266	97	6,213	608	2,941	913	8,982	76	2,165	1,696	12,114	5,491	47,540
" 1896, . . .	584	1,547	4,985	98	6,295	642	2,859	931	9,445	84	2,230	1,854	12,449	5,387	49,381
" 1897, . . .	514	1,352	4,909	83	5,692	633	2,907	947	9,096	60	2,218	1,620	12,001	5,387	47,419
" 1898, . . .	584	1,393	4,409	83	5,793	662	2,954	878	8,993	58	2,190	1,633	11,713	5,418	46,761

In table 43 there is a statement of the mortality of Massachusetts compared with that of a number of the countries of Europe. This comparative statement embraces a period of twenty years ending with 1890, and of the single years 1891, 1892 and 1893. It is observable that the average death-rate in Massachusetts is less than in twelve of the countries and greater than in Denmark, Ireland, Sweden and Norway. The highest death-rate for the twenty-year period is 33·7 in Hungary and the lowest in Norway, which was 16·9.

TABLE 43.

COUNTRIES.	AVERAGE.			
	1871-90.	1891.	1892.	1893.
Massachusetts,	19·67	19·74	20·84	20·52
Hungary (15 years),	33·7	33·1	35·0	31·1
Austria,	30·6	27·9	28·8	–
Italy,	28·6	26·2	26·3	25·3
Germany (19 years),	26·0	23·4	24·1	24·6
Prussia,	25·6	22·9	23·4	24·2
France,	22·8	22·6	22·6	–
Holland,	22·6	20·7	21·0	19·2
Switzerland,	22·1	20·8	19·3	20·5
Belgium,	21·4	21·0	21·8	20·3
Scotland,	20·4	20·7	18·5	19·4
England and Wales,	20·3	20·2	19·0	19·2
United Kingdom,	19·9	20·0	19·0	19·1
Denmark,	19·0	20·0	19·4	18·9
Ireland,	18·0	18·4	19·4	17·9
Sweden,	17·6	16·8	17·9	–
Norway,	16·9	17·5	17·8	16·4

In table 44 it appears that the total mortality for 1898 was less than that of 1897 and that the mortality of every month

except August, September, November and December was less than that of the corresponding month in 1897. The greatest difference was in the month of March. The greatest number of deaths occurred in August and the third quarter of the year, and the least in June and the second quarter. In the year 1897 the greatest number of deaths occurred in March.

TABLE 44. — *Relation of the Mortality-rate to Seasons of the Year. — 1897–1898.*

	Deaths registered in each Month.		Deaths registered in each Quarter.		Monthly Percentage of Total Mortality.		Quarterly Percentage of Total Mortality.	
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
January, .	4,051	3,849			8·54	8·23		
February, .	3,929	3,453	12,710	11,230	8·29	7·38	26·80	24·02
March, .	4,730	3,928			9·97	8·40		
April, . .	4,057	3,833			8·56	8·20		
May, . .	3,805	3,770	11,153	10,768	8·02	8·06	23·52	23·03
June, . .	3,291	3,165			6·94	6·77		
July, . .	4,254	3,880			8·97	8·29		
August, .	4,566	5,020	12,789	13,340	9·63	10·73	26·97	28·53
September, .	3,969	4,440			8·37	9·50		
October, .	3,806	3,799			8·03	8·12		
November, .	3,475	3,595	10,767	11,423	7·33	7·69	22·71	24·42
December, .	3,486	4,029			7·35	8·63		
THE YEAR,	47,419	46,761	47,419	46,761	100·00	100·00	100·00	100·00

In table 45 are presented the percentages of deaths by quarters of the year for a period of twenty years. The highest percentage occurred in the first quarter in 1892; in the second quarter in 1885; the third quarter in 1896, and the last quarter in 1891.

TABLE 45. — *Percentages of Deaths, by Quarters. — 1879–1898.*

	Percentages of Deaths, by Quarters ending with —			
	March.	June.	September.	December.
1879, ...	27·4	23·3	26·2	23·1
1880, ...	23·5	23·4	28·6	24·5
1881, ...	25·0	23·4	27·6	24·0
1882, ...	24·1	24·1	28·7	23·1
1883, ...	23·9	24·7	28·3	23·1
1884, ...	24·1	22·2	28·5	25·2
1885, ...	26·5	24·9	27·7	20·9
1886, ...	23·9	23·0	28·6	24·5
1887, ...	24·1	23·4	28·8	23·7
1888, ...	26·6	23·6	27·8	22·0
1889, ...	23·5	24·1	28·9	23·5
1890, ...	27·9	21·9	27·8	22·3
1891, ...	23·1	23·7	27·2	26·0
1892, ...	29·5	22·5	26·5	21·5
1893, ...	24·9	24·2	27·2	23·7
1894, ...	25·6	22·6	28·9	22·9
1895, ...	27·4	22·5	26·9	23·2
1896, ...	23·9	23·9	30·2	22·0
1897, ...	26·8	23·5	27·0	22·7
1898, ...	24·0	23·0	28·6	24·4

Sex. — Table 46 presents the mortality of males and females from 1860 to 1898, the ratio of the mortality of males to that of females, and also the mortality rate of each sex, the latter being given by census years only. It will be seen that the ratio of deaths of males exceeded that of females in the period of the war 1862–1865, in 1865, 1868, 1870–1873, and from 1888 to 1898 there has been a gradual annual increase in the ratio of deaths of males. In the census years 1866, 1870, 1875, 1880, 1885, 1890 and 1895 the population of females exceeded that of the males.

TABLE 46.—*Mortality of Males and Females compared.—1860–1898.*

	Deaths of Males.	Deaths of Females.	Deaths of Males to 100 Deaths of Females.	Death-rate of Males.	Death-rate of Females.
1860, ...	*11,444*	*11,547*	*99·9*	*19·3*	*18·4*
1862–65 (4 years of war),	54,407	50,994	106·7	–	–
1865, ...	*13,085*	*13,024*	*100·5*	*21·7*	*19·6*
1866, ...	11,601	12,003	96·6	–	–
1867, ...	11,359	11,369	99·8	–	–
1868, ...	12,871	12,695	101·4	–	–
1869, ...	12,777	13,231	96·6	–	–
1870, ...	*13,699*	*13,598*	*100·7*	*19·5*	*18·6*
1871, ...	13,985	13,931	100·4	–	–
1872, ...	17,717	17,256	102·7	–	–
1873, ...	17,242	16,642	103·6	–	–
1874, ...	15,912	15,939	99·9	–	–
1875, ...	*17,329*	*17,619*	*98·4*	*21·8*	*20·5*
1876, ...	16,485	16,669	98·8	–	–
1877, ...	15,427	15,894	97·1	–	–
1878, ...	15,284	15,986	95·6	–	–
1879, ...	15,628	16,142	96·8	–	–
1880, ...	*17,426*	*17,852*	*97·6*	*20·3*	*19·3*
1881, ...	18,147	18,296	99·2	–	–
1882, ...	18,360	18,418	99·6	–	–
1883, ...	18,840	18,904	99·6	–	–
1884, ...	18,418	18,567	99·2	–	–
1885, ...	*18,889*	*19,205*	*98·4*	*20·2*	*19·0*
1886, ...	18,585	18,659	99·6	–	–
1887, ...	20,329	20,434	99·5	–	–
1888, ...	21,234	20,863	101·8	–	–
1889, ...	20,978	20,799	100·9	–	–
1890, ...	*21,767*	*21,761*	*100·0*	*20·0*	*18·9*
1891, ...	22,672	22,513	100·7	–	–
1892, ...	24,643	24,119	102·2	–	–
1893, ...	24,899	24,185	102·9	–	–
1894, ...	23,788	23,003	103·4	–	–
1895, ...	*24,175*	*23,365*	*103·5*	*19·9*	*18·2*
1896, ...	25,140	24,241	103·7	–	–
1897, ...	24,004	23,415	102·5	–	–
1898, ...	24,082	22,679	106·2	–	–

In table 47 the deaths by age and sex are given for certain periods of life, for the years 1897 and 1898; by which it appears that in the year 1898, 1,172 more males than females died under one year, and the excess in the deaths of males over females under 5 years of age was 1,300. From twenty to thirty years the deaths of the males exceeded those of the females by 221, and for all other ages the deaths of the females exceeded those of the males by 1,290.

TABLE 47. — *Deaths at Different Ages. — 1897–1898.*

		Under 1 Year.		Under 5 Years.		20 to 30.		All Others.		Totals.	
		1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
I. Deaths,	Males,	5,957	6,092	8,347	8,081	2,006	2,120	13,651	13,881	24,004	24,082
	Females,	4,794	4,920	6,956	6,781	1,967	1,899	14,492	13,999	23,415	22,679
	Totals,	10,751	11,012	15,303	14,862	3,973	4,019	28,143	27,880	47,419	46,761
II. Percentages for each sex,	Males,	24·82	25·29	34·73	33·55	8·36	8·80	56·87	57·64	–	–
	Females,	20·46	21·69	29·71	29·89	8·36	8·37	60·61	61·72	–	–
III. Percentages for each period of life,		22·67	23·34	32·27	31·78	8·38	8·59	59·92	59·62	–	–
IV. Females to 1,000 males,		805	808	833	839	981	896	1,062	1,009	975	942

Table 48 presents the ratio of deaths at certain ages, as compared with the total number, for a period of twenty years. The percentage of deaths under five years of age was smaller than that of any year since 1892.

TABLE 48. — *Deaths at Different Ages. — Percentages. — Twenty Years.*

	Under 1 Year.	Under 5 Years.	20 to 30.	All Others.
1879, ...	18·41	31·95	9·29	58·76
1880, ...	20·34	34·58	9·27	56·15
1881, ...	20·27	32·80	10·01	57·19
1882, ...	20·22	31·21	10·16	58·63
1883, ...	19·89	31·39	10·04	58·57
1884, ...	20·91	32·33	9·61	58·05
1885, ...	20·03	31·41	9·16	59·42
1886, ...	21·07	31·61	9·45	58·94
1887, ...	20·89	32·26	9·51	58·23
1888, ...	21·07	32·09	9·49	58·42
1889, ...	21·79	32·67	9·26	58·07
1890, ...	22·11	31·86	9·03	59·11
1891, ...	22·54	31·58	8·45	59·96
1892, ...	21·84	31·22	9·00	59·77
1893, ...	22·39	32·47	8·81	58·73
1894, ...	23·29	33·60	8·50	57·91
1895, ...	22·22	31·98	8·63	59·39
1896, ...	23·82	33·86	8·34	57·99
1897, ...	22·67	32·27	8·38	59·92
1898, ...	23·34	31·78	8·59	59·62

Infant Mortality: — The number of deaths of children under one year of age in 1898 was 11,012, or 23·34 per cent. of the total mortality. This was greater by 14 deaths than the average for the five years 1894–1898. As compared with the number of births, the ratio, 15·06 per cent., is the least in any single year of the past twenty years, except 1879 and 1897.

TABLE 49. — *Infant Mortality. — Twenty Years, 1879–1898.*

	Births.	Deaths under One Year.	Total Deaths.	Deaths under One Year to 100 Births.	Percentage of Deaths under One to Total Deaths.
1879, . . .	40,295	5,805	31,801	14·52	18·41
1880, . . .	44,217	7,190	35,292	16·26	20·34
1881, . . .	45,220	7,389	36,458	16·34	20·27
1882, . . .	45,670	7,438	36,785	16·30	20·22
1883, . . .	47,285	7,511	37,748	15·88	19·89
1884, . . .	48,615	7,735	36,990	15·91	20·91
1885, . . .	48,790	7,626	38,094	15·63	20·03
1886, . . .	50,788	7,848	37,244	15·45	21·07
1887, . . .	53,174	8,514	40,763	16·01	20·89
1888, . . .	54,893	8,870	42,097	16·16	21·07
1889, . . .	57,075	9,105	41,777	15·95	21·79
1890, . . .	57,777	9,625	43,528	16·66	22·11
1891, . . .	63,004	10,186	45,185	16·17	22·54
1892, . . .	65,824	10,649	48,762	16·17	21·84
1893, . . .	67,192	10,990	49,084	16·36	22·39
1894, . . .	66,936	10,899	46,791	16·28	23·29
1895, . . .	67,545	10,564	47,540	15·64	22·22
1896, . . .	72,343	11,765	49,381	15·78	23·82
1897, . . .	73,205	10,751	47,419	14·69	22·67
1898, . . .	73,110	11,012	46,761	15·06	23·34

Table 50. According to this table, it will be observed that the mortality changes in conformity to the age. The highest rate is under one year. It is to be regretted that the materials for 1890 could not be found to complete the table, as the only true way to find the rate of death.

In table 51 is given the average age at death of all who have died in the state, by counties, for forty-five years in quinquennial periods. In every county there was an increase in the average age, as compared with the average for thirty years, ending 1880. The average of the ages at death in the five-year period, 1891–1895, is greater in every county than that of the preceding five years, except Bristol, Dukes, Hampshire, and Suffolk counties.

TABLE 50. — *Population, Deaths and Death-rates per 1,000 Living at Specified Ages, 1865–1895.*

	All Ages.	Under 1.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 and Over.	Unknown.
Population, 1865, .	1,267,031	23,719	133,943	143,391	126,691	117,171	225,566	185,543	142,831	96,440	52,216	26,675	8,316	1,302
Deaths, 1865, . .	26,152	4,869	9,191	1,383	651	1,128	2,837	2,168	1,694	1,687	1,949	1,880	1,399	185
Death-rates 1865, .	20·64	205·28	68·62	9·63	5·14	9·63	12·58	11·68	11·86	17·49	32·90	70·48	168·23	–
Population, 1870, .	1,457,351	32,987	156,889	139,796	143,371	142,184	274,859	214,151	162,689	108,348	68,401	31,895	9,727	41
Deaths, 1870, . .	27,329	6,206	9,873	825	556	1,027	2,833	2,275	1,947	1,837	2,058	2,196	1,654	198
Death-rates, 1870, .	18·75	188·13	62·92	5·90	3·74	7·22	10·48	10·62	11·96	16·95	30·08	68·85	170·04	–
Population, 1875, .	1,651,912	34,040	173,855	163,738	148,365	165,936	310,861	240,966	182,823	126,430	79,186	38,283	11,167	10,302
Deaths, 1875, . .	34,978	7,712	12,823	1,603	706	1,287	3,245	2,743	2,361	2,336	2,760	2,959	1,966	189
Death-rates, 1875, .	21·17	226·56	73·96	9·77	4·72	7·73	10·49	11·30	12·97	18·29	34·79	71·11	176·41	–
Population, 1880, .	1,783,085	37,587	179,307	171,595	161,425	167,595	343,701	264,413	203,515	142,053	91,619	44,337	13,525	–
Deaths, 1880, . .	35,292	7,190	12,213	1,463	611	1,104	3,269	721	2,384	2,538	3,104	3,243	2,489	1,513
Death-rates, 1880, .	19·79	191·28	68·11	8·52	3·78	6·58	9·51	10·29	11·71	17·86	33·89	73·14	184·02	–
Population, 1885, .	1,942,141	35,888	178,388	181,842	176,551	187,247	384,450	288,219	222,920	156,760	101,619	49,235	15,516	144
Deaths, 1885, . .	38,094	7,626	11,956	1,358	667	1,190	3,492	3,062	2,889	3,090	3,678	3,750	2,829	133
Death-rates, 1885, .	19·61	212·49	67·00	7·46	3·77	6·35	9·08	10·62	12·96	19·71	36·19	76·16	182·32	–
Population, 1890,* .	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Deaths, 1890, . .	43,528	9,625	13,870	1,282	697	1,361	3,931	3,552	3,396	3,642	4,286	4,247	3,115	149
Death-rates, 1890, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Population, 1895, .	2,500,183	48,933	235,647	224,119	202,900	225,881	521,392	400,134	282,781	199,511	125,283	61,011	18,510	3,014
Deaths, 1895, . .	47,540	10,564	15,202	1,397	646	1,207	4,101	4,873	3,578	4,080	4,933	5,028	3,418	77
Death-rates, 1895, .	19·01	215·89	64·51	6·23	3·18	5·34	7·08	9·67	12·65	20·45	39·37	82·41	184·65	–

* Population by ages not obtainable.

TABLE 51. — *Average Ages at Death, by Counties. — 1851–1895.*

YEARS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1851–1855 (mean), . .	27·07	30·63	33·07	28·08	39·36	28·14	35·56	28·94	34·32	25·47	37·45	28·02	32·68	20·10	29·61
1856–1860, ...	27·72	32·49	32·66	29·18	42·28	27·68	35·26	28·39	34·60	26·57	37·76	28·97	31·12	21·83	29·34
1861–1865, ...	28·14	34·23	32·09	29.27	43·56	28·08	27·29	27·37	32·16	27·29	44·61	27·63	33·30	23·00	28·81
1866–1870, ...	30·31	40·11	34·43	32·64	47·01	30·35	40·30	28·12	37·21	29·29	53·52	31·85	39·18	24·51	31·31
1871–1875, ...	29·34	40·05	33·25	30·22	48·72	30·17	39·56	26·15	34·60	28·26	54·28	33·39	39·25	23·68	32·07
1876–1880, ...	31·64	44·37	36·32	30·06	49·99	31·39	43·49	28·66	38·09	30·27	53·33	35·82	41·90	26·90	33·81
Average of 30 years, .	29·04	36·96	33·64	29·91	45·08	29·30	38·58	27·94	35·16	27·86	46·15	30·95	36·24	23·34	30·82
1881–1885, ...	33·37	49·34	35·85	32·04	50·77	34·77	43·50	28·36	40·05	33·12	51·96	39·03	42·72	28·55	34·33
1886–1890, ...	33·91	49·41	35·85	31·08	52·71	34·86	44·05	30·62	40·15	32·79	56·52	38·83	44·01	30·46	35·25
1891–1895, ...	34·73	50·10	37·58	29·99	52·67	35·82	45·00	31·47	37·51	33·76	55·84	39·72	44·81	30·32	35·94

In table 52 are presented by counties the percentages of deaths by nativity for 1898. From this table it appears that the ratio of deaths of the native born to the total mortality of the county was the greatest in Nantucket, Barnstable and Franklin counties, and the least in Suffolk, Middlesex and Bristol counties.

In table XII. page 88, are stated the names and other principal data relative to those persons who died in 1898 who were reported as having lived one hundred years or more, and it is not necessary to repeat this table. Of the whole number reported in 1898, 70·6 per cent. were females and 35·4 per cent. were of foreign birth. All but one had been married.

TABLE 52. — *Nativity of those whose Deaths were Registered in 1898, by Counties.*

COUNTIES.	NATIVE-BORN.		FOREIGN-BORN.		NATIVITY NOT STATED.		TOTALS.	
	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	Nos.	Totals.
Barnstable, .	514	88·01	56	9·57	14	2·42	584	100·00
Berkshire, .	1,064	76·25	317	22·75	12	1·00	1,393	100·00
Bristol, .	3,120	70·77	1,264	28·67	25	0·56	4,409	100·00
Dukes, . .	65	78·32	5	6·02	13	15·66	83	100·00
Essex, . .	4,321	74·54	1,409	24·32	63	1·14	5,793	100·00
Franklin, .	555	83·84	97	14·65	10	1·51	662	100·00
Hampden, .	2,206	74·34	726	24·59	22	1·07	2,954	100·00
Hampshire, .	683	77·79	186	21·18	9	1·03	878	100·00
Middlesex, .	6,331	70·39	2,587	28·77	75	0·84	8,993	100·00
Nantucket, .	56	96·56	1	1·72	1	1·72	58	100·00
Norfolk, .	1,655	75·57	510	23·29	25	1·14	2,190	100·00
Plymouth, .	1,281	78·44	322	19·72	30	1.84	1,633	100·00
Suffolk, .	7,791	66·52	3,823	32·64	99	0·84	11,713	100·00
Worcester, .	4,034	74·46	1,342	24·77	42	0·77	5,418	100·00
Totals, .	33,676	72·02	12,645	27·04	440	0·94	46,761	100·00

CAUSES OF DEATHS.

The total number of deaths for the year 1898 was 46,761. Of this total there were 346 cases reported as from causes unknown or ill defined, comprising 76 deaths from hemorrhage, 80 from tumor, and 190 deaths the causes of which were not stated on the returns. The percentage to the total mortality for these unspecified causes for 1898 was 0·74 as compared with 0·82 in 1897, 1·06 in 1896 and 0·94 in 1895. In the Registration Report of 1890 the average percentage from these causes for the decade 1871–1880 was stated as 3·21, and for the subsequent decade 1881–1890, was 1·37. It is obvious from these data that there is much improvement in the diagnosis, tending to a better registration and that there is also greater care in searching for an accurate return in many cases which formerly were simply accepted as stated on the return without the subsequent inquiry which now obtains. In table 53 are presented the percentages of each class of diseases from specified causes for a period of ten years, ending with 1898.

A comparison with the tables in former reports shows that there is an average decreased percentage in the class of deaths from Zymotic, Constitutional, Developmental and Violent causes, and an increased percentage in the class of Local diseases.

I. *Zymotic Causes.* — Table 54 exhibits the statistics of the principal Zymotic or infectious diseases for a period of ten years 1889–1898.

By this table it appears that the sum of these diseases in 1898 was less than that of any year in the decade, and 1,393 less than the average for the ten-year period.

There was a large decrease in the number of deaths from Croup, Diphtheria, Measles and Scarlatina, as compared with 1897 and the total number was 1,146 less than the total average mortality from these diseases in the ten-year period.

The mortality from Typhoid fever was 56 more than that in 1897, and the total number of deaths was less by 92 than the average for the ten-year period.

TABLE 53. — *Percentage of Causes of Death by Classes.* — Ten Years.*

YEARS.	CLASSES.				
	Zymotic.	Constitutional.	Local.	Developmental.	Violent Deaths.
1889,	19·2	21·5	43·5	10·5	4·0
1890,	18·6	21·2	44·8	10·1	4·2
1891,	18·3	20·0	46·5	10·2	4·1
1892,	18·9	19·1	46·9	9·8	4·3
1893,	17·8	19·1	47·8	9·6	4·5
1894,	18·7	19·8	46·2	9·6	4·8
1895,	17·0	20·2	47·5	9·7	4·6
1896,	17·3	19·7	47·4	10·0	4·7
1897,	15·8	19·8	49·3	10·0	4·3
1898,	14·0	20·1	49·8	10·3	5·1
Average,	17·6	20·1	47·0	9·0	4·5

* Excluding deaths from unspecified causes (the percentage of which in 1898 was 0·7) and still births.

TABLE 54. — *Mortality from Prominent Zymotic Diseases. — Ten Years.*

YEARS.	DISEASES.									
	Dysentery.	Typhoid Fever.	Whooping-cough.	Croup.	Diphtheria.	Measles.	Scarlatina.	Cholera Infantum.	Small-pox.	Totals.
1889,	299	891	310	484	1,730	171	185	2,156	4	6,232
1890,	220	835	363	387	1,239	114	196	2,491	1	5,846
1891,	234	821	219	311	907	236	246	2,771	3	5,745
1892,	193	827	248	350	1,105	88	669	2,898	2	6,380
1893,	231	750	274	322	1,072	276	810	2,704	9	6,448
1894,	216	748	435	293	1,508	98	649	2,676	33	6,656
1895,	209	680	269	352	1,432	117	483	2,377	–	5,919
1896,	407	723	282	353	1,324	137	249	2,957	–	6,432
1897,	209	607	171	319	1,107	158	342	2,231	4	5,148
1898,	293	663	337	158	548	82	141	2,320	–	4,542
Average,	251	755	291	333	1,197	148	397	2,558	8*	5,935

* Average for 7 years.

The number of deaths from Whooping Cough was 166 more than the number in 1897, and 46 more than the average number of deaths from this cause for the decade 1889–1898.

The mortality from Diphtheria was less by 559 deaths than that of the previous year, and less by 649 than the average for the decade.

There were 82 deaths from Measles, 66 less than the average for the ten-year period.

The number of deaths from Scarlatina in 1898 was 201 less than the number in 1897 and 256 deaths less than the average for the decade.

The number of deaths from Cholera-infantum was 2,320, the smallest number reported in the ten-year period, except 1889 and 1897.

There were no deaths from Small-pox in 1898. Four cases reported in 1897 were the only ones since 1894.

II. *Constitutional Diseases.* — The number of deaths ascribed to Tubercular diseases for the year 1898 was 7,027, of which 5,288 deaths were from Pulmonary Consumption, or 11·31 per cent. of the total mortality.

The number of deaths from Cancer was 1,907, which was 4·1 per cent. of the total mortality as compared with 3·65 per cent. in 1897, 3·64 per cent. in 1896, and 3·67 per cent. in 1895.

III. *Local Diseases.* — In table 55 are presented the statistics of the principal local diseases. In 1898 the number of deaths ascribed to Apoplexy, Paralysis, Insanity and Convulsions (Diseases of the Nervous System) was 4,241, which was 177 more than the number reported from the same causes in 1897, 60 less than the number reported in 1896 and 118 more than the average for the decade 1889–1898. The number of deaths from Apoplexy was 2,103, which was 115 more deaths than were reported from this cause in 1897, and 413 more than the average for the ten-year period. The number of deaths from Paralysis was 63 greater than that of the previous year, but 37 less than the average for the ten-year period. The number of deaths reported as due to Insanity was 9 less than in the year 1897 but 6 more than the average for the decade. The deaths from Convulsions were more by 8 than those of the previous year, but less by 87 than the average of the decennial period. The deaths from the group of Heart Diseases were 3,834, an

increase of 7 over the number reported in 1897, and were 117 more than the average for the ten years 1889–1898.

The number of deaths from the principal diseases of the respiratory organs — Pneumonia, Bronchitis and Pleurisy was 5,883, which was 630 less than the number reported in 1897 and 348 less than the average for the ten years 1889–1898.

TABLE 55. — *Mortality from Principal Local Diseases. — Ten Years.*

YEARS.	DISEASES.									
	Apoplexy.	Paralysis.	Insanity.	Convulsions.	Heart Diseases.	Bronchitis.	Pleurisy.	Pneumonia.	Peritonitis.	Bright's Disease, Nephritis, and other Kidney Diseases.
1889, .	1,220	1,146	214	886	3,280	1,276	95	3,440	462	1,290
1890, .	1,301	1,235	188	889	3,579	1,533	113	4,038	484	1,303
1891, .	1,464	1,214	236	842	3,787	1,658	115	4,337	517	1,496
1892, .	1,603	1,277	253	873	3,910	1,886	216	5,020	564	1,569
1893, .	1,655	1,210	272	883	3,696	1,738	200	5,499	591	1,685
1894, .	1,718	1,145	285	813	3,621	1,572	159	4,101	590	1,788
1895, .	1,813	1,193	234	790	3,769	1,558	171	4,652	703	1,926
1896, .	2,035	1,192	238	836	3,871	1,452	182	4,703	587	2,009
1897, .	1,988	1,084	258	734	3,827	1,530	187	4,796	558	2,017
1898, .	2,103	1,147	249	742	3,834	1,486	191	4,206	556	2,120
Average,	1,690	1,184	243	829	3,717	1,589	163	4,479	561	1,720

Developmental Causes. — The number of deaths of infants reported as having died of causes incident to the time of birth was 1,381. Up to the year 1896 it had been customary in this computation to include the still-born. There seems no good reason for considering in statistics relative to the causes of death cases which never had independent life.

In comparison with the number of children born alive in 1897, who died of developmental causes, the number of the same class in 1898 was 8 more.

TABLE 56. — *Mortality from Chief Developmental Causes. — Ten Years.*

YEARS.	DISEASES.					
	Teething.	Infantile, Premature.	Child-birth.	Abortion.	Puerp. Convulsions.	Old Age.
1889, . . .	82	911	164	3	38	1,873
1890, . . .	89	861	198	5	25	1,853
1891, . . .	67	914	180	6	38	1,951
1892, . . .	65	1,129	211	8	31	1,895
1893, . . .	50	1,226	235	14	36	1,861
1894, . . .	61	1,179	216	7	45	1,669
1895, . . .	78	697	266	13	30	1,715
1896, . . .	70	1,324	244	5	8	1,739
1897, . . .	60	1,373	256	10	11	1,602
1898, . . .	53	1,381	239	10	33	1,669
Average, .	68	1,100	221	8	23	1,783

From Bronchitis there were 1,486 deaths, 44 less than the number reported in 1897, and 103 less deaths than the average for the decennial period.

From Pleurisy there were 191 deaths, 28 more than the average for the decade 1889–1898.

The number of deaths from Pneumonia was 4,206, a decrease of 590 deaths as compared with the number in 1897, and 273 less deaths than the average for the ten-year period.

The number of deaths from Peritonitis was 556, which was 2 less than the number in 1897, 31 less than the number in 1896 and 5 less than the average for the past decade.

The number of deaths reported in 1898 which were ascribed to the unscientific and unsatisfactory term old age was 1,669 which was 67 more than the number ascribed to this cause in 1897, but 114 less than the average for the decade.

The number of deaths reported in 1898 as from child-birth was 239 as compared with 256 in 1897, and 221 in the decennial period.

Table 57 presents some statistics in regard to the deaths ascribed to violence, either homicidal, suicidal or accidental.

There is a great discrepancy between the figures received from the registrars and those received from the medical examiners' whose returns should presumably be the more accurate. This matter will be further discussed in the comments on the returns of the medical examiners.

TABLE 57. — *Violent Deaths. — Ten Years.*

YEARS.	Burns and Scalds.	Poison.	Railroad Accidents.	Drowning and Lost at Sea.	Freezing.	Heat.	Lightning.	Homicide.	Suicide.	Totals.
1889, . .	130	52	241	350	–	9	4	12	175	973
1890, . .	134	63	274	366	–	30	6	18	180	1,071
1891, . .	125	69	300	346	–	30	–	14	168	1,052
1892, . .	162	75	322	342	1	79	10	22	239	1,252
1893, . .	180	90	362	400	1	13	6	18	249	1,319
1894, . .	170	110	298	416	1	33	7	25	226	1,286
1895, . .	170	89	310	387	2	14	3	26	255	1,256
1896, . .	185	63	300	340	1	135	1	19	263	1,307
1897, . .	195	73	235	384	2	31	3	17	227	1,167
1898, . .	217	89	258	498	–	32	8	33	271	1,406

Comparing the figures for the year 1898 with those from the same sources in previous years it appears that the total mortality from the principal violent causes 1,406 was an increase of 239 deaths as compared with those of 1897, and an increase of 99 as compared with those of 1896.

The number of persons drowned and lost at sea during the year 1898 was larger than that of any other year of the decade, the number 498, being 82 more than the largest number reported in any year, which was in 1894.

Eight deaths are reported as having been caused by lightning and 32 by heat. Further comment on the statistics of death from violence will be found under the head of Medical Examiners' returns.

Most Prominent Causes of Death. — The causes of death to which were ascribed the greatest number in 1898 are the following twenty arranged in their numerical order: —

Consumption,	5,288	Infantile, Premature,	1,381
Pneumonia,	4,206	Atrophy and Debility,	1,260
Heart Diseases,	3,618	Enteritis,	1,232
Cholera Infantum,	2,320	Tabes Mesenterica,	1,165
Apoplexy,	2,103	Paralysis,	1,147
Cancer,	1,907	Convulsions,	742
Nephritis and Bright's Disease,	1,682	Typhoid Fever,	663
Old Age,	1,669	Brain Diseases,	618
Bronchitis,	1,486	Peritonitis,	556
Cephalitis,	1,439	Hydrocephalus,	478

Of the foregoing diseases the most destructive were Consumption, Pneumonia, Heart Diseases and Cholera Infantum, varying very little annually from the same relative order.

In table 58 is presented the mortality of each sex from several specified causes in each month for different specified periods of life. In the majority of diseases the largest number of deaths occurred where the age was under five years.

In Consumption the greatest number of deaths occurred between 20 and 50 years of age.

TABLE 58. — *Number of Deaths from Several Specified Causes, of Each Sex, in Each Month and at Different Specified Periods of Life, which were Registered during the Year 1898.*

	THE YEAR 1898.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals,	–	82	141	548	158	663	193	2,320	5,288	4,206
SEX.	Males,	–	41	66	263	85	448	140	1,243	2,698	2,169
	Females,	–	41	75	285	73	215	153	1,077	2,590	2,037
MONTHS.	January,	–	6	17	31	26	35	7	6	496	507
	February,	–	6	20	40	14	26	5	7	390	462
	March,	–	9	7	37	11	32	2	5	511	498
	April,	–	4	11	43	6	42	6	6	451	503
	May,	–	17	14	44	12	32	2	16	461	423
	June,	–	8	3	31	4	27	4	57	427	177
	July,	–	6	8	30	5	23	19	511	442	161
	August,	–	4	7	26	3	62	87	1,074	402	129
	September,	–	2	8	37	7	124	99	486	409	140
	October,	–	2	16	57	19	124	37	129	444	287
	November,	–	9	17	72	27	75	15	17	399	344
	December,	–	9	13	69	26	61	10	6	456	565

	Totals,	–	82	141	548	158	663	193	2,320	5,288	4,206
Ages.	Under 5,	–	73	90	347	138	16	78	2,320	177	1,514
	5 to 10,	–	2	36	125	19	28	10	–	52	78
	10 to 15,	–	–	7	36	–	32	1	–	103	37
	15 to 20,	–	–	4	10	–	79	4	–	414	75
	20 to 30,	–	2	3	8	–	260	25	–	1,696	231
	30 to 40,	–	3	1	7	–	136	13	–	1,370	341
	40 to 50,	–	1	–	6	–	62	9	–	680	330
	50 to 60,	–	–	–	6	1	31	22	–	443	406
	60 to 70,	–	1	–	1	–	11	36	–	242	486
	70 to 80,	–	–	–	–	–	4	56	–	121	436
	Over 80,	–	–	–	–	–	3	39	–	26	270
	Not stated,	–	–	–	–	–	1	–	–	4	1

In the preceding tables the statistics of the mortality of the Commonwealth have been shown for periods of ten and twenty years.

In many of the following tables the statistics cover longer periods, table 59, for instance, showing the mortality from Small-pox during forty-eight years. In these tables the percentage to 10,000 living is given for the census years only.

During 1898 there were no deaths from Small-pox. The only years in which the State of Massachusetts has been exempt from Small-pox since 1851 were 1886, 1895, 1896 and 1898. The most noteworthy epidemic during the period of forty-eight years was in 1872–1873. Since that time the deaths from that disease have been comparatively few and the disease seems to be under complete control.

TABLE 59. — *Mortality from Small-pox. — Forty-eight Years.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1851, . .	117	·61	–	1875, . .	34	·09	·2
1852, . .	33	·18	–	1876, . .	31	·09	–
1853, . .	38	·19	–	1877, . .	24	·08	–
1854, . .	207	·97	–	1878, . .	2	·007	–
1855, . .	325	1·56	2·9	1879, . .	7	·02	–
1856, . .	140	·68	–	1880, . .	38	·11	·21
1857, . .	23	·11	–	1881, . .	47	·13	–
1858, . .	12	·10	–	1882, . .	45	·12	–
1859, . .	255	1·22	–	1883, . .	5	·01	–
1860, . .	334	1·45	2·7	1884, . .	3	·008	–
1861, . .	33	·14	–	1885, . .	19	·05	·10
1862, . .	40	·17	–	1886, . .	–	–	–
1863, . .	42	·15	–	1887, . .	3	·007	–
1864, . .	242	·84	–	1888, . .	8	·019	–
1865, . .	221	·84	1·7	1889, . .	6	·014	–
1866, . .	141	·59	–	1890, . .	1	·002	·005
1867, . .	196	·82	–	1891, . .	3	·006	–
1868, . .	20	·08	–	1892, . .	2	·004	–
1869, . .	59	·22	–	1893, . .	9	·018	–
1870, . .	131	·48	·9	1894, . .	33	·070	–
1871, . .	294	1·05	–	1895, . .	–	–	–
1872, . .	1,029	2·94	–	1896, . .	–	–	–
1873, . .	668	1·97	–	1897, . .	4	·008	–
1874, . .	26	·08	–	1898, . .	–	–	–

Measles. — Table 60 presents the mortality from Measles for a period of thirty-eight years. The highest rate per 10,000

living in census years during this period was 1·8 in 1870, and the lowest in 1895. The smallest number of deaths was in 1879 when only 19 deaths were reported.

TABLE 60. — *Mortality from Measles. — Thirty-eight Years. — 1861–1898.*

YEARS.	Deaths.	Deaths to 100 Deaths from all Causes.	Death-rates Per 10,000 Living.	YEARS.	Deaths.	Deaths to 100 Deaths from all Causes.	Death-rates Per 10,000 Living.
1861, . .	209	·86	–	1880, .	236	·67	1·3
1862, . .	369	1·59	–	1881, .	230	·63	–
1863, . .	142	·51	–	1882, .	68	·19	–
1864, . .	320	1·13	–	1883, .	321	·85	–
1865, . .	136	·52	1·1	1884, .	75	·23	–
1866, . .	109	·46	–	1885, .	313	·82	1·6
1867, . .	194	·85	–	1886, .	130	·35	–
1868, . .	287	1·12	–	1887, .	455	1·12	–
1869, . .	222	·85	–	1888, .	219	·52	–
1870, . .	269	·98	1·8	1889, .	171	·41	–
1871, . .	131	·47	–	1890, .	114	·26	·5
1872, . .	428	1·22	–	1891, .	236	·52	–
1873, . .	180	·53	–	1892, .	88	·18	–
1874, . .	161	·50	–	1893, .	276	·56	–
1875, . .	233	·67	1·4	1894, .	98	·21	–
1876, . .	47	·14	–	1895, .	117	·24	·4
1877, . .	135	·44	–	1896, .	137	·28	–
1878, . .	305	1·00	–	1897, .	158	·33	–
1879, . .	19	·06	–	1898, .	82	·18	–

Scarlet Fever. — In table 61 are presented the statistics by counties of the deaths from Scarlet fever for the years 1897 and 1898 and in table 62 is presented the mortality from Scarlet fever for a period of thirty-eight years. The largest number of deaths from this disease occurred in 1875 and the lowest number in 1898. The number of deaths in 1898 was 141, a decrease of 201 as compared with 1897 and 256 less deaths than the average of the ten-year period 1889–1898.

In the number of deaths by counties there is a decrease in all the counties except Dukes, Nantucket and Worcester. In the latter the number was the same as in 1896. There were no deaths from Scarlet fever in Nantucket during either of the years 1894, 1895, 1896, 1897 or 1898.

TABLE 61. — *Mortality from Scarlet-fever, by Counties. — 1897 and 1898.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1897.	1898.		1897.	1898.
Barnstable,	3	2	Middlesex,	52	32
Berkshire,	6	3	Nantucket,	–	–
Bristol,	25	13	Norfolk,	13	3
Dukes,	–	–	Plymouth,	9	1
Essex,	39	19	Suffolk,	151	40
Franklin,	3	–	Worcester,	25	25
Hampden,	15	3			
Hampshire,	1	–	The State,	342	141

TABLE 62. — *Mortality from Scarlet-fever. — 1861–1898.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1861,	1,137	4·66	–	1880,	574	1·63	3·2
1862,	1,261	5·42	–	1881,	397	1·09	–
1863,	1,399	5·01	–	1882,	318	·87	–
1864,	1,503	5·21	–	1883,	575	1·52	–
1865,	807	3·06	6·4	1884,	627	1·69	–
1866,	385	1·58	–	1885,	587	1·54	3·0
1867,	828	3·63	–	1886,	331	·89	–
1868,	1,369	5·35	–	1887,	594	1·46	–
1869,	1,405	5·39	–	1888,	504	1·19	–
1870,	683	2·49	4·7	1889,	185	·44	–
1871,	867	3·10	–	1890,	196	·45	·87
1872,	1,377	3·93	–	1891,	246	·54	–
1873,	1,472	4·34	–	1892,	669	1·37	–
1874,	1,382	4·33	–	1893,	810	1·65	–
1875,	1,684	4·81	10·2	1894,	649	1·38	–
1876,	1,222	3·79	–	1895,	483	1·01	1·93
1877,	467	1·53	–	1896,	249	·50	–
1878,	404	1·33	–	1897,	342	·72	–
1879,	850	2·63	–	1898,	141	·30	–

Diphtheria and Croup. — The number of deaths from these combined causes in 1898 was 706, which was 720 less than the number reported in 1897, 971 less than the number in 1896 and less than that of any year since 1870.

In table 63 is stated the number of deaths by counties from these combined causes in 1897 and 1898.

TABLE 63. — *Deaths from Diphtheria and Croup by Counties. — 1897 and 1898.*

COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.		COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.	
	1897.	1898.		1897.	1898.
Barnstable, . .	3	3	Middlesex, . .	242	132
Berkshire, . .	49	16	Nantucket, . .	–	–
Bristol, . .	100	43	Norfolk, . .	54	30
Dukes, . . .	2	–	Plymouth, . .	39	6
Essex, . . .	175	141	Suffolk, . .	475	189
Franklin, . .	7	5	Worcester, . .	158	82
Hampden, . .	84	49			
Hampshire, . .	28	10	The State, .	1,426	706

TABLE 64. — *Mortality from Diphtheria and Croup. — Thirty-eight Years.*

YEARS.	DEATHS.			PERCENTAGES OF DEATHS FROM ALL CAUSES.			DEATHS TO EVERY 10,000 LIVING.		
	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.
1861, .	461	643	1,104	1·89	2·64	4·53	–	–	–
1862, .	484	663	1,147	2·08	2·85	4·93	–	–	–
1863, .	864	1,420	2,284	3·09	5·08	8·17	–	–	–
1864, .	768	1,231	1,999	2·66	4·27	6·93	–	–	–
1865, .	504	672	1,176	1·91	2·56	4·47	4·0	5·3	9·3
1866, .	431	399	830	1·79	1·65	3·44	–	–	–
1867, .	366	251	607	1·53	1·07	2·60	–	–	–
1868, .	485	297	782	1·92	1·18	3·10	–	–	–
1869, .	473	296	769	1·84	1·15	2·99	–	–	–
1870, .	434	242	676	1·61	·89	2·50	2·9	1·7	4·6
1871, .	473	274	747	1·69	·97	2·66	–	–	–
1872, .	480	273	753	1·38	·78	2·16	–	–	–
1873, .	435	310	745	1·28	·92	2·20	–	–	–
1874, .	411	502	913	1·28	1·56	2·84	–	–	–
1875, .	680	1,200	1,880	1·92	3·39	5·31	4·1	7·3	11·4
1876, .	684	2,610	3,294	2·13	8·11	10·24	–	–	–
1877, .	544	2,634	3,178	1·78	8·65	10·43	–	–	–
1878, .	583	1,934	2,517	1·91	6·35	8·26	–	–	–
1879, .	559	1,734	2,293	1·69	5·24	6·93	–	–	–
1880, .	625	1,769	2,394	1·77	5·01	6·78	3·6	9·9	13·5
1881, .	677	1,706	2,383	1·88	4·67	6·55	–	–	–
1882, .	491	1,280	1,771	1·33	3·48	4·81	–	–	–
1883, .	530	1,091	1,621	1·40	2·89	4·29	–	–	–
1884, .	562	1,084	1,646	1·52	2·93	4·45	–	–	–
1885, .	520	1,003	1,523	1·36	2·62	3·98	2·7	5·1	7·8
1886, .	505	1,053	1,558	1·36	2·82	4·18	–	–	–
1887, .	532	1,096	1,628	1·30	2·68	3·99	–	–	–
1888, .	500	1,331	1,831	1·19	3.16	4·35	–	–	–
1889, .	484	1,730	2,214	1·16	4·14	5·30	–	–	–
1890, .	387	1,239	1,626	·89	2·85	3·74	1·7	5·5	7·3
1891, .	311	907	1,218	·69	2·01	2·70	–	–	–

TABLE 64 — Concluded.

YEARS.	DEATHS.			PERCENTAGES OF DEATHS FROM ALL CAUSES.			DEATHS TO EVERY 10,000 LIVING.		
	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.
1892, .	350	1,105	1,455	·72	2·26	2·98	–	–	–
1893, .	322	1,072	1,394	·66	2·18	2·84	–	–	–
1894, .	293	1,508	1,801	·63	3·22	3·85	–	–	–
1895, .	352	1,432	1,784	·74	3·01	3·75	1·4	5·7	7·1
1896, .	353	1,324	1,677	·71	2·68	3·39	–	–	–
1897, .	319	1,107	1,426	·67	2·33	3·01	–	–	–
1898, .	158	548	706	·34	1·17	1·51	–	–	–

Typhoid Fever. — The number of deaths from this disease in 1898 was 663, which was the lowest number since 1860 except 1879 and 1897. Its percentage of deaths to deaths from all causes was 1·42.

Table 65 presents the statistics of deaths from this disease for thirty-seven years, 1861–1898.

In table 66 are presented the deaths by counties from 1889–1898.

TABLE 65. — *Mortality from Typhoid Fever. — 1861–1898. — Thirty-eight Years.*

YEARS.	Deaths.	Percentage of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentage of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1861, . .	989	4·06	–	1880, . .	882	2·49	4·9
1862, . .	1,135	4·88	–	1881, . .	1,072	2·94	–
1863, . .	1,442	5·16	–	1882, . .	1,079	2·94	–
1864, . .	1,344	4·66	–	1883, . .	860	2·28	–
1865, . .	1,694	6·43	13·4	1884, . .	875	2·35	–
1866, . .	1,091	4·53	–	1885, . .	768	2·02	3·9
1867, . .	965	4·24	–	1886, . .	800	2·15	–
1868, . .	896	3·49	–	1887, . .	922	2·26	–
1869, . .	1,205	4·62	–	1888, . .	943	2·24	–
1870, . .	1,333	4·88	9·1	1889, . .	891	2.13	–
1871, . .	1,116	3·99	–	1890, . .	835	1·92	3·7
1872, . .	1,703	4·86	–	1891, . .	821	1·82	–
1873, . .	1,406	4·15	–	1892, . .	827	1·69	–
1874, . .	1,147	3·56	–	1893, . .	750	1·60	–
1875, . .	1,059	3·06	6·4	1894, . .	748	1·60	–
1876, . .	881	2·74	–	1895, . .	680	1·43	2·7
1877, . .	814	2·67	–	1896, . .	723	1·46	–
1878, . .	679	2·23	–	1897, . .	607	1·28	–
1879, . .	637	1·94	–	1898, . .	663	1·42	–

TABLE 66. — *Deaths from Typhoid Fever, by Counties. — 1889–1898.*

COUNTIES.	DEATHS.									
	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Barnstable,	15	13	11	9	9	6	2	7	4	3
Berkshire,	42	35	38	35	30	47	46	41	29	35
Bristol,	100	56	72	66	64	63	55	63	83	55
Dukes,	3	–	1	3	4	1	1	1	1	2
Essex,	123	139	122	129	117	88	86	100	93	76
Franklin,	11	10	9	11	10	13	12	5	7	10
Hampden,	66	65	59	103	54	36	46	33	44	40
Hampshire,	17	15	17	12	17	18	6	8	4	7
Middlesex,	174	213	186	172	153	173	121	166	81	125
Nantucket,	–	–	–	–	–	–	–	–	–	–
Norfolk,	26	26	32	26	36	34	33	38	16	29
Plymouth,	30	24	26	26	19	23	26	28	22	21
Suffolk,	189	156	161	150	144	146	166	179	168	188
Worcester,	95	83	87	85	93	100	80	54	55	72
The State,	891	835	821	827	750	748	680	723	607	663

Diarrhœal Diseases. — The number of deaths attributed to this group, comprising Diarrhœa, Dysentery, Cholera infantum, Cholera and Enteritis, was 4,372, an increase of 327 deaths as compared with 1897.

TABLE 67. — *Diarrhœal Diseases. — 1881–1898.*

YEARS.	Diarrhœa.	Dysentery.	Cholera Infantum.	Cholera.	Enteritis.	Diarrhœal Diseases.
1881, . . .	458	360	1,861	68	456	3,203
1882, . . .	488	398	2,159	136	528	3,709
1883, . . .	516	336	1,941	84	523	3,400
1884, . . .	522	254	2,081	108	549	3,514
1885, . . .	450	253	1,852	86	608	3,249
1886, . . .	501	243	1,931	77	587	3,339
1887, . . .	560	266	2,131	68	622	3,713
1888, . . .	587	248	2,195	79	670	3,779
1889, . . .	593	299	2,156	77	710	3,835
1890, . . .	618	220	2,491	88	763	4,180
1891, . . .	639	234	2,771	103	874	4,621
1892, . . .	534	193	2,898	103	994	4,722
1893, . . .	543	231	2,704	93	1,096	4,667
1894, . . .	583	216	2,676	97	1,100	4,672
1895, . . .	486	209	2,377	77	1,026	4,175
1896, . . .	604	407	2,957	103	1,072	5,143
1897, . . .	469	209	2,231	67	1,069	4,045
1898, . . .	454	293	2,320	73	1,232	4,372

Cholera Infantum. — The number of deaths from this disease in 1898 was 2,320, which was 89 more than the number reported in the previous year. With this exception, however, the mortality from this cause was smaller than that of any year since 1889. The number of males that died from this cause during the year was 1,243 and the number of females, 1,077.

TABLE 68. — *Mortality from Cholera Infantum, 1871–1898.*

YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of Population.	YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of Population.
1871, . .	1,718	–	1885, . .	1,852	9·52
1872, . .	3,254	–	1886, . .	1,931	–
1873, . .	2,553	–	1887, . .	2,131	–
1874, . .	2,322	–	1888, . .	2,195	–
1875, . .	2,606	15·77	1889, . .	2,156	–
1876, . .	2,087	–	1890, . .	2,491	11·13
1877, . .	1,927	–	1891, . .	2,771	–
1878, . .	1,573	–	1892, . .	2,898	–
1879, . .	1,349	–	1893, . .	2,704	–
1880, . .	2,118	11·31	1894, . .	2,676	–
1881, . .	1,861	–	1895, . .	2,377	9·50
1882, . .	2,159	–	1896, . .	2,957	–
1883, . .	1,941	–	1897, . .	2,231	–
1884, . .	2,081	–	1898, . .	2,320	–

Consumption. — The number of deaths registered from Consumption in 1898 was 5,288 which was 143 less deaths than the number registered in the previous year. In the accompanying table, where the mortality from this disease is given for a period of twenty-eight years, it will be observed that there has been a decrease in the number of deaths, and that the death-rate per 10,000 of the population has steadily decreased from 1872. The average death-rate of Pulmonary Consumption for the decade 1871–1880 was 32·7, the decade 1881–1890, 29·2, and the five-year period 1891–1895, 23·1. A comparison of the years 1897 and 1898 shows that the number of deaths from this cause was greater in Berkshire, Bristol, Plymouth and Worcester counties and less in all the others except Nantucket where the number was the same, namely 5.

TABLE 69. — *Mortality from Pulmonary Consumption. — Twenty-eight Years.*

YEARS.	Deaths.	Death-rates per 10,000 of Population.	YEARS.	Deaths.	Death-rate per 10,000 of Population.
1871, . .	5,070	–	1885, . .	5,955	30·7
1872, . .	5,556	–	1886, . .	5,897	–
1873, . .	5,556	–	1887, . .	5,871	–
1874, . .	5,284	–	1888, . .	5,728	–
1875, . .	5,738	34·7	1880, . .	5,581	–
1876, . .	5,327	–	1890, . .	5,791	25·9
1877, . .	5,457	–	1891, . .	5,484	–
1878, . .	5,334	–	1892, . .	5,729	–
1879, . .	5,223	–	1893, . .	5,527	–
1880, . .	5,494	30·8	1894, . .	5,463	–
1881, . .	5,886	–	1895, . .	5,486	21·9
1882, . .	5,865	–	1896, . .	5,536	–
1883, . .	5,931	–	1897, . .	5.431	–
1884, . .	5,798	–	1898, . .	5,288	–

TABLE 70. — *Mortality from Pulmonary Consumption, by Counties. 1897 and 1898.*

COUNTIES.	Deaths.		COUNTIES.	Deaths.	
	1897.	1898.		1897.	1898.
Barnstable, . .	50	39	Middlesex, . .	1,082	1,073
Berkshire, . . .	117	124	Nantucket, . .	5	5
Bristol, . . .	448	456	Norfolk, . . .	247	227
Dukes, . . .	4	3	Plymouth, . .	191	197
Essex, . . .	626	591	Suffolk, . . .	1,617	1,535
Franklin, . . .	61	59	Worcester, . .	564	586
Hampden, . . .	322	313			
Hampshire, . .	97	80	The State, . .	5,431	5,288

Pneumonia. — The number of deaths from Pneumonia in 1898 was 4,206, a decrease from the preceding year of 590 deaths. During the first quarter of the year there were 34·88 per cent of all the deaths from this cause, 26·22 per cent in the second quarter, 10·46 per cent in the third quarter, and 28·44 per cent in the fourth quarter of the year.

In the comparison of the counties for the years 1897 and 1898 it will be observed that there is a decrease in deaths in every county, except Norfolk.

TABLE 71. — *Mortality from Pneumonia, by Months and Quarters. 1898.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months, . .	507	462	498	503	423	177	161	129	150	287	344	565
Quarters, . .	1,467			1,103			440			1,196		
Percentages, .	34·88			26·22			10·46			28·44		

TABLE 72. — *Deaths from Pneumonia, by Counties. — 1897 and 1898.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1897.	1898.		1897.	1898.
Barnstable, . .	48	30	Middlesex, . .	897	827
Berkshire, . . .	165	135	Nantucket, . .	4	3
Bristol, . . .	486	310	Norfolk, . . .	187	205
Dukes, . . .	4	1	Plymouth, . .	144	98
Essex, . . .	534	440	Suffolk, . . .	1,382	1,312
Franklin, . . .	72	60	Worcester, . .	516	467
Hampden, . . .	272	245			
Hampshire, . .	85	73	The State, . .	4,796	4,206

Whooping Cough. — The number of deaths from this disease in 1898 was 337, which was 166 more than the number reported in 1897, and 55 more than the number reported in 1896.

TABLE 73. — *Mortality from Whooping-cough, by Counties. — 1889–1898.*

COUNTIES.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Barnstable,	–	2	1	1	1	5	2	1	1	1
Berkshire,	9	19	6	4	4	13	4	7	3	6
Bristol,	24	44	12	36	23	38	11	32	14	16
Dukes,	–	–	–	–	–	1	–	–	–	1
Essex,	27	72	19	25	50	40	36	38	15	75
Franklin,	–	2	4	3	1	–	12	1	–	–
Hampden,	22	14	14	23	17	21	20	17	10	22
Hampshire,	3	12	5	2	2	4	19	1	2	6
Middlesex,	51	62	40	40	41	95	43	75	51	57
Nantucket,	–	–	–	–	–	–	–	1	–	–
Norfolk,	7	15	9	5	12	24	10	8	10	17
Plymouth,	5	16	6	8	8	19	9	7	17	6
Suffolk,	126	72	75	71	63	134	58	81	44	82
Worcester,	36	33	28	30	52	41	45	13	4	48
The State,	310	363	219	248	274	435	269	282	171	337

Brain Diseases. — The number of deaths from this group of diseases, which includes apoplexy, paralysis, softening of the brain, insanity, cephalitis, and other unspecified diseases of the brain, in 1898 was 5,671, which was larger by 395 deaths than the number reported in the previous year, and 267 larger than that of 1896.

TABLE 74. — *Deaths from Brain Diseases. Thirty-eight Years. 1861–1898.*

YEARS.	Softening of the Brain.	Apoplexy.	Paralysis.	Insanity.	Cephalitis and Unspecified Brain Diseases.	Totals.
1861, . . .	42	274	417	61	764	1,558
1862, . . .	48	251	401	66	716	1,482
1863, . . .	38	268	471	62	798	1,632
1864, . . .	46	321	473	64	1,068	1,972
1865, . . .	43	263	479	75	964	1,824
1866, . . .	58	261	487	106	885	1,797
1867, . . .	41	281	469	111	806	1,708
1868, . . .	56	311	630	91	922	2,010
1869, . . .	67	331	607	87	923	2,015
1870, . . .	74	394	630	103	968	2,169
1871, . . .	71	390	714	89	998	2,262
1872, . . .	94	409	791	103	1,487	2,884
1873, . . .	90	431	858	88	1,184	2,651
1874, . . .	103	433	775	100	1,134	2,545
1875, . . .	99	460	896	118	1,142	2,715
1876, . . .	95	507	826	146	1,053	2,627
1877, . . .	109	544	873	112	1,011	2,649
1878, . . .	118	562	895	152	1,182	2,909
1879, . . .	105	663	928	118	1,132	2,946
1880, . . .	121	746	933	142	1,422	3,364
1881, . . .	112	715	998	129	1,398	3,355
1882, . . .	112	706	1,047	153	1,375	3,393
1883, . . .	122	784	1,056	183	1,417	3,562
1884, . . .	136	857	1,119	166	1,391	3,669
1885, . . .	126	1,003	1,132	188	1,445	3,894
1886, . . .	118	973	1,173	151	1,429	3,844
1887, . . .	118	1,225	1,249	145	1,520	4,257
1888, . . .	117	1,233	1,277	204	1,691	4,522
1889, . . .	121	1,220	1,146	214	1,612	4,313
1890, . . .	109	1,301	1,235	188	1,556	4,389
1891, . . .	129	1,464	1,214	236	1,668	4,711
1892, . . .	119	1,603	1,277	253	1,784	5,036
1893, . . .	124	1,655	1,210	272	1,883	5,144
1894, . . .	113	1,718	1,145	285	1,734	4,995
1895, . . .	107	1,813	1,193	234	1,715	5,062
1896, . . .	113	2,035	1,192	238	1,826	5,404
1897, . . .	100	1,988	1,084	258	1,846	5,276
1898, . . .	115	2,103	1,147	249	2,057	5,671

Alcoholism. — The number of deaths recorded in 1898 as due to this cause, including delirium tremens, was 161, an increase of 22 deaths as compared with the number reported in 1897. There is a marked difference in the number of deaths from this cause between the returns of the registrars and those of the medical examiners.

Of the whole number of deaths from this cause 124 or 77·02 per cent. were men and 37 or 22·98 per cent. were women.

TABLE 75. — *Deaths from Alcoholism, 1871–1898.*

YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.	YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.
1871, . .	88	3·2	–	1885, . .	122	3·2	6·3
1872, . .	134	3·8	–	1886, . .	108	2·9	–
1873, . .	109	3·2	–	1887, . .	111	2·7	–
1874, . .	107	3·3	–	1888, . .	126	2·9	–
1875, . .	87	2·5	5·2	1889, . .	122	2·9	–
1876, . .	86	2·6	–	1890, . .	151	3·5	6·7
1877, . .	52	1·6	–	1891, . .	182	4·0	–
1878, . .	65	2·1	–	1892, . .	193	3·9	–
1879, . .	68	2·1	–	1893, . .	205	4·2	–
1880, . .	112	3·2	6·3	1894, . .	150	3·2	–
1881, . .	123	3·3	–	1895, . .	178	3·7	7·1
1882, . .	126	3·4	–	1896, . .	195	4·0	–
1883, . .	113	2·9	–	1897, . .	139	2·9	–
1884, . .	125	3·4	–	1898, . .	161	3.5	–

In table 76 are presented the statistics of deaths by Cancer for a period of twenty-eight years, and from this table it appears that the rate in the census years per 10,000 of population has increased from 3·5 in 1875 to 7·0 in 1895, the highest since

the commencement of registration. The deaths of females from this cause comprise about two-thirds of the total deaths from cancer.

TABLE 76. — *Mortality from Cancer, for Twenty-eight Years. — 1871–1898.*

YEARS.	Deaths.	Death-rates per 10,000 of Population.	YEARS.	Deaths.	Death-rates per 10,000 of Population.
1871, . .	551	–	1885, . .	1,087	5·6
1872, . .	542	–	1886, . .	1,104	–
1873, . .	611	–	1887, . .	1,174	–
1874, . .	585	–	1888, . .	1,275	–
1875, . .	593	3·5	1889, . .	1,325	–
1876, . .	657	–	1890, . .	1,387	6·2
1877, . .	646	–	1891, . .	1,395	–
1878, . .	807	–	1892, . .	1,402	–
1879, . .	862	–	1893, . .	1,533	–
1880, . .	928	5·6	1894, . .	1,568	–
1881, . .	949	–	1895, . .	1,749	7·0
1882, . .	987	–	1896, . .	1,798	–
1883, . .	1,026	–	1897, . .	1,739	–
1884, . .	1,060	–	1898, . .	1,907	–

In table 77 are presented the statistics of deaths from Bright's Disease, Nephritis, other Kidney diseases, and Dropsy, with the ratios to the total mortality. In this table Dropsy, which is only a symptom of disease, was in the earlier years of registration largely certified as a cause of death. It has materially decreased since 1882, so that in 1898 the number of deaths ascribed to this cause was only 85.

Diseases of the Kidneys. — For reasons set forth in the report of 1886, the diseases of the kidneys are considered in one group.

TABLE 77.—*Mortality from Bright's Disease, Nephritis and other Kidney Diseases, and from Dropsy, and Ratios to total Mortality. Forty-eight Years.*

YEARS.	Total Mortality.	Deaths from Bright's Disease, Nephritis and other Kidney Diseases.	Ratio to Total Mortality per 1,000.	Deaths from Dropsy.	Ratio to Total Mortality per 1,000.	TOTALS.	Ratio to Total Mortality per 1,000.
1851, . .	18,934	27	1·4	390	20·6	417	22·0
1852, . .	18,482	32	1·7	418	22·6	450	24·3
1853, . .	20,301	35	1·7	465	22·9	500	24·6
1854, . .	21,414	38	1·8	474	22·1	512	23·9
1855, . .	20,798	56	2·7	501	24·1	557	26·8
1856, . .	20,734	51	2·5	487	23·4	538	25·9
1857, . .	21,280	45	2·1	512	24·1	557	26·2
1858, . .	20,776	42	2·0	481	23·2	538	25·2
1859, . .	20,976	56	2·7	522	24·9	578	27·6
1860, . .	23,068	67	2·9	470	20·4	537	23·3
1861, . .	24,085	91	3·7	440	18·3	531	22·0
1862, . .	22,974	96	4·2	467	20·3	563	24·5
1863, . .	27,751	111	4·0	533	19·2	644	23·2
1864, . .	28,723	130	4·5	502	17·5	632	22·0
1865, . .	26,152	173	6·6	492	18·8	665	25·4
1866, . .	23,637	135	5·7	462	19·5	597	25·2
1867, . .	22,772	161	7·1	421	18·5	582	25·6
1868, . .	25,603	206	8·0	470	18·4	676	26·4
1869, . .	26,054	239	9·2	458	17·6	697	26·8
1870, . .	27,329	286	10·5	491	17·9	777	28·4
1871, . .	27,943	370	13·2	527	18·9	897	32·1
1872, . .	35,019	376	10·7	618	17·6	994	28·3
1873, . .	33,912	460	13·5	545	16·1	1,005	29·6
1874, . .	31,887	463	14·5	469	14·7	932	29·2
1875, . .	34,978	509	14·5	474	13·6	983	28·1
1876, . .	33,186	488	14·7	445	13·4	933	28·1
1877, . .	31,342	535	17·1	412	13·1	947	30·2
1878, . .	31,303	615	19·6	370	11·8	985	31·4
1879, . .	31,801	693	21·8	380	11·9	1,073	33·7
1880, . .	35,292	698	19·7	271	7·7	969	27.4
1881, . .	36,458	825	22·6	292	8·0	1,117	30·6
1882, . .	36,785	877	23·8	313	8·5	1,190	32·3
1883, . .	37,748	959	25·4	296	7·8	1,255	33·2
1884, . .	36,990	1,000	27·0	234	6·3	1,234	33·3
1885, . .	38,094	1,088	28·6	244	6·4	1,332	35·0
1886, . .	37,244	1,135	30·5	219	5·9	1,354	36·4
1887, . .	40,763	1,120	27·4	212	5·2	1,332	32·7
1888, . .	42,097	1,318	31·3	204	4·8	1,522	36·2
1889, . .	41,777	1,258	30·1	161	3·8	1,419	33·9
1890, . .	43,528	1,273	30·0	175	4·0	1,448	33·3
1891, . .	45,185	1,474	32·6	166	3·7	1,640	36·3
1892, . .	48,762	1,535	31·5	130	2·7	1,665	34·1
1893, . .	49,084	1,637	32·3	161	3·3	1,798	36·6
1894, . .	46,791	1,721	36·8	123	2·6	1,844	39·4
1895, . .	47,540	1,860	39·1	88	1·8	1,948	41·0
1896, . .	49,381	1,945	39·4	122	2·5	2,067	41·9
1897, . .	47,419	1,943	41·0	88	1·9	2,031	42·9
1898, . .	46,761	2,120	45·3	85	1·8	2,205	47·2

Heart Disease. — In table 78 are presented the deaths from Heart Disease, and the ratios by sexes, for the census years from 1850 to 1895. The great fatality from this disease will be observed from this table. In 1850 the ratio to 10,000 of population was 3·54, in 1895 the ratio was 14·26. The ratio of males to females was 15·01 to 13·55 from this cause in 1895.

TABLE 78. — *Deaths from Heart Diseases and Ratios by Sexes. Census Years 1850–1895.*

YEARS.	Deaths from Heart Diseases.			Sex Unknown.	Ratios to 10,000 of Living Population.			Percentage of Total Mortality.
	Males.	Females.	Totals.		Males.	Females.	Totals.	
1850, . .	182	169	352	1	3·72	3·34	3·54	2·12
1855, . .	296	225	521	–	5·38	3·86	4·60	2·51
1860, . .	344	346	690	–	5·76	5·46	5·61	2·99
1865, . .	426	379	805	–	7·07	5·69	6·35	3·07
1870, . .	514	447	962	1	7·30	5·93	6·60	3·52
1875, . .	649	681	1,331	1	8·17	7·82	8·06	3·80
1880, . .	876	850	1,726	–	10·20	9·19	9·68	4·89
1885, . .	1,117	1,110	2,227	–	11·97	11·00	11.46	5·85
1890, . .	1,695	1,722	3,417	–	–	–	15·26	7·85
1895, . .	1,824	1,742	3,566	–	15·01	13·55	14·26	7·50

Malarial Fevers. — From Ague and Remittent Fever there were reported in 1898, 104 deaths, occurring in all the counties except Dukes and Nantucket. Worcester, Suffolk, Middlesex and Hampshire reported the largest number.

Syphilis. — From this disease there were reported 54 deaths, the largest number occurring in Middlesex and Suffolk counties.

Hydrophobia. — There were no deaths from Hydrophobia or deaths from Glanders reported in 1898.

Anthrax or Malignant Pustule. — There was one death from Anthrax reported in 1898.

THE RETURNS OF MEDICAL EXAMINERS.

Chapter 379 of the Acts of 1885 provides that the Secretary of the Commonwealth "shall prepare, or cause to be prepared from such returns such tabular results as will render them of practical utility" and that these shall annually be reported "to the General Court, in connection with the report of the registry and return of births, marriages and deaths."

In accordance with that provision Tables I. and II. have been prepared. These Tables include all cases where the cause of death has been investigated by the medical examiners, after notice that the death was supposed to have resulted from violence.

As in previous years a careful examination of the returns reveals the fact that the general authorities having to do with cases of sudden or violent or mysterious death still fail to appreciate the nature of the duties of the medical examiner, and it appears that he is often summoned in cases where under the wording of the statute he is not only not required to act but is actually prohibited from acting.

"Medical examiners shall make examination as hereinafter provided upon the view of the dead bodies of such persons *only* as are supposed to have come to their death by *violence*." Sec. 10, Chap. 26, Public Statutes.

The returns for the year 1898 show that 32·97 per cent of all the cases examined were cases where the death was from natural causes, as compared with 35·5 per cent in 1897, and if there be included cases where the cause was unknown or ill-defined the percentage in 1898 was 35·7 as compared with 39·4 in 1897. The returns for the last decade show that during the entire period the cases of death from natural causes "including alcoholism" amounted to an average of 39·8 per cent yearly, a decrease as compared with the decade 1888–1897 when this class comprised practically one half of all the cases examined.

The writer admits that to draw a hard and fast line between cases that should be investigated by the medical examiner and those which should not is a matter of such difficulty as to almost amount to an impossibility; for instance, in the year 1898 the medical examiners investigated 120 cases, or 4·5 per cent of the whole number investigated, where the death was returned as from "still birth" or "premature birth." Undoubtedly many of these cases were such that a reasonable supposition of infanticide may have been entertained thus clearly bringing the cases within the province of the medical examiner; on the other hand very many were cases of fœtuses in the earliest stages of development which could not at any time have been considered "persons" whose "dead bodies" were to be the subject of official investigation. The writer believes that the cause of death of a fœtus of non-viable age should not be a subject for investigation by a medical examiner, but inasmuch as the medical examiner is generally notified by some one not having the medical knowledge requisite to enable him to differentiate between bodies of infants viable and those non-viable, there seems no way of relieving the examiner from the duty of viewing all cases of infants whose death he is called upon to investigate.

There is, however, as shown by the returns a very large number of cases to which the medical examiner is called, which on the face of things could not have been attended with circumstances causing a supposition of violence. Such cases are those of heart disease, apoplexy and even phthisis, where the death was simply sudden or where no physician had been in recent attendance. To such cases the medical examiner is called in order that a certificate for burial may be obtained, thus putting upon this official the duties which properly belong to another; namely, the city or town physician, or the family physician.

On the other hand, it is not easy to see why cases of deaths from alcoholism are not cases for the medical examiner in every instance. Aside from the cases where alcohol is simply a contributory factor in an accidental, suicidal or homicidal death, a death from alcoholism seems as clearly to be a death from violence, that is, from a cause not natural, as is a case of opium poisoning, and it seems to the writer that such deaths should be classified among the deaths from accident and not grouped with the deaths from natural causes.

The so-called "medical examiner" law has been now in operation more than twenty years, and nearly half of the cases investigated receive the attention of the examiner after notification by persons who possibly do not comprehend his duties, and who call upon the medical examiner to perform unnecessary labor and impose upon the various counties unnecessary and illegitimate expense. It is, however, possible that a proper appreciation of the intent of the provisions of the statute may obtain in the future.

It appears from a comparison of the tables based upon the returns of the registrars and those based upon the returns of the medical examiners that there is a discrepancy especially as to the deaths from homicide and suicide. For instance from the returns of the medical examiners it appears that in the State in 1898 there were 331 cases of suicide, while in the returns by the registrars the number is given as 271, a difference of 60 deaths. The reason for this discrepancy is sufficiently obvious, and it is fair to assume that the returns of the medical examiners are the more accurate.

The question of homicide, suicide or accident is often not determined until after the certificate for burial purposes has been furnished to the registrar. This is notably true in cases of hypothetical poisoning, where the long process of chemical examination is necessary for an accurate determination of the facts.

Table 79 sets forth the relative proportion of views to autopsies in the different counties and the whole State for the ten year period 1889–1898.

TABLE 79. — *Views and Autopsies for Ten Years, 1889–1898, arranged by Counties with Ratio of Autopsies to Views for the Individual Counties and the Whole State.*

COUNTIES.	1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.		TOTALS 10 YEARS.		RATIO OF AUTOPSIES TO VIEWS.
	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	
Barnstable,	13	0	21	5	16	1	23	1	39	1	19	3	20	1	20	2	15	–	80	1	266	15	1 to 17·7
Berkshire,	51	4	67	9	55	7	80	6	67	6	64	5	56	6	65	2	61	10	70	7	636	62	1 to 10·3
Bristol,	132	8	155	9	167	20	264	39	264	41	243	25	241	24	253	16	261	13	272	11	2,252	206	1 to 10·9
Dukes,	4	0	2	0	4	0	5	1	3	0	10	0	7	1	1	–	4	–	18	–	58	2	1 to 29·0
Essex,	203	16	231	18	232	16	237	22	243	12	227	19	269	19	306	26	239	13	308	21	2,495	182	1 to 13·7
Franklin,	15	0	29	2	40	1	45	1	45	2	34	1	27	2	48	–	34	1	43	1	360	11	1 to 32·7
Hampden,	126	12	127	11	145	10	184	13	179	22	128	22	161	20	180	19	175	22	186	14	1,591	165	1 to 9·6
Hampshire,	24	4	27	1	39	2	33	5	36	2	25	0	32	2	38	–	51	5	39	1	344	22	1 to 15·6
Middlesex,	276	18	256	17	317	32	343	42	336	27	341	37	403	32	401	37	378	36	443	37	3,494	315	1 to 11·1
Nantucket,	2	0	2	0	0	0	2	2	2	0	2	0	1	0	1	–	1	–	4	–	17	2	1 to 8·5
Norfolk,	84	9	107	1	65	5	79	7	76	4	103	7	107	12	89	8	96	4	131	4	937	61	1 to 15·4
Plymouth,	39	4	41	2	44	7	54	8	47	4	45	0	51	7	52	3	58	5	99	4	530	44	1 to 12·0
Suffolk,	533	93	554	122	514	113	601	115	601	123	631	137	644	128	655	77	624	120	644	97	6,001	1,125	1 to 5·3
Worcester,	152	12	154	9	202	11	260	10	283	25	287	16	298	17	307	23	282	16	311	32	2,536	172	1 to 14·7
The State,	1,654	180	1,773	206	1,840	225	2,210	272	2,221	269	2,159	272	2,317	271	2,416	213	2,279	245	2,648	230	21,517	2,384	1 to 9·0
Ratio,	9·2		8·6		8·2		8·1		8·3		7·9		8·5		11·3		9·3		11·5				

From table 79 it appears that the county of Suffolk, having the largest population, has the highest ratio of autopsies to views for the decade 1889–1898; and the county of Nantucket, having the smallest population, has the next highest ratio of autopsies to views.

The total number of deaths the cause of which was investigated by the medical examiners in 1898 was 2,648. This number is greater by 369 than the number reported in 1897 and 496 greater than the average number reported during the ten years 1889–1898.

Of the cases investigated in 1898, 1,961 or 74·8 per cent were those of males and 683 or 25·1 per cent, were those of females, while the sex in 4 cases was not specified.

The following table gives the comparative data in the matter of sex for the ten years 1889–1898.

TABLE 80.

YEARS.	Males.	Percentage.	Females.	Percentage.	Unspecified.	Percentage.	Totals.
1889, . . .	1,253	75·8	388	23·4	13	0·8	1,654
1890, . . .	1,303	73·5	449	25·3	21	1·2	1,773
1891, . . .	1,362	74·0	457	24·8	21	1·2	1,840
1892, . . .	1,642	74·3	560	25·3	8	0·4	2,210
1893, . . .	1,678	75·6	530	23·9	13	0·5	2,221
1894, . . .	1,649	76·4	505	23·4	5	0·2	2,159
1895, . . .	1,721	74·3	582	25·1	14	0·6	2,317
1896, . . .	1,773	73·3	638	26·4	5	0·3	2,416
1897, . . .	1,658	72·8	612	26·9	9	0·3	2,279
1898, . . .	1,961	74·0	683	25·8	4	0·2	2,648
Totals, . .	16,000	74·8	5,404	25·1	113	0·1	21,517

Homicide. — The number of deaths reported as from homicide in 1898 was 79 or 2·98 per cent of the whole number investigated during the year, as compared with 70 or 3·07 per cent in 1897, 74 or 3·06 per cent in 1896, and 659 or 3·06 per cent for the decade 1889–1898.

Of the whole number 15 were cases of infanticide, 13 were cases of abortion, 24 were homicides by firearms, 4 by stabbing and 23 by other methods. There were no cases of homicidal poisoning reported during the year.

Suicide. — The number of deaths reported by the medical examiners in 1898 as from suicide was 331 or 12·50 per cent, as compared with 285 or 12·51 per cent in 1897, 318 or 13·16 per cent in 1896 and 2,631 or 12·23 per cent for the ten year period.

Methods of Suicide. — Of the whole number of suicides reported 91 were committed by firearms, 25 by cutting the throat or stabbing, 38 by drowning, 53 by hanging, 88 by poison, 1 by throwing the body in front of a moving train, 28 by illuminating gas, and 7 by leaping from a height.

Sex. — Of the 331 deaths reported as from suicide, 251 or 75·83 per cent were males and 80 or 24·17 per cent were females as compared with 225 or 78·95 per cent for males and 60 or 21·05 per cent for females in 1897. Of the suicides by illuminating gas 15 were males and 13 were females.

Of the 88 cases of suicide by poison 20 were by carbolic acid, 15 by arsenic and its compounds including "Rough on Rats," 13 by opium in some form and 40 by other kinds of poison. Of the suicides by poisoning 54 were males and 34 were females.

Of the 116 cases of suicide reported as from shooting, cutting the throat, etc., all but 5 were males; of 38 cases of suicidal drowning 23 were males; of 53 cases of suicidal hanging 45 were males; and of 88 cases of suicidal poisoning 54 were males.

The mortality from suicide in the different counties for the year 1898 is presented in the following order: —

Suffolk,	105	Norfolk,	13
Middlesex,	66	Berkshire,	6
Worcester,	41	Franklin,	4
Essex,	34	Barnstable,	3
Hampden,	19	Hampshire,	2
Bristol,	18	Nantucket,	2
Plymouth,	18	Dukes,	0

Table 81 shows the number of deaths from suicide by counties and for the whole state for the ten years 1889–1898, and shows the ratio of suicide to total mortality by counties and state for the same period.

The ratio of death by suicide to the total mortality for the year 1898 was 7·1 per thousand, while the ratio for the ten year period was 5·6 per thousand.

TABLE 81. — *Deaths from Suicide by Counties. — 1889–1898.*

COUNTIES.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	TOTALS. Numbers.	TOTALS. Ratio to total mortality per 1,000. 1889-1898.
The State,	199	196	187	274	290	270	281	318	285	331	2,631	5·6
Barnstable,	2	2	1	1	3	–	4	5	2	3	23	3·9
Berkshire,	11	13	4	5	9	16	8	5	6	6	83	5·8
Bristol,	14	16	7	16	22	10	13	20	12	18	148	3·4
Dukes,	–	1	–	–	–	–	2	–	–	–	3	3·0
Essex,	26	24	38	25	32	34	28	41	29	34	311	5·2
Franklin,	3	6	7	8	7	6	2	9	3	4	55	8·5
Hampden,	9	8	11	23	19	19	19	15	23	19	165	5·8
Hampshire,	4	4	3	2	8	4	3	4	7	2	41	4·3
Middlesex,	36	27	31	45	46	38	46	53	37	66	419	4·8
Nantucket,	1	1	–	–	–	1	–	–	–	2	5	6·0
Norfolk,	13	15	5	7	13	13	16	16	11	13	122	5·8
Plymouth,	5	5	7	10	11	13	10	14	10	18	103	6·4
Suffolk,	56	54	52	100	92	82	94	108	109	105	852	7·2
Worcester,	20	20	21	31	28	34	36	28	36	41	295	5·5

TABLE 82. — *Recapitulation 10 Years, 1889–1898.*

	Homicide.		Suicide.		Accident or Negligence.		Natural and Unknown Causes, including Alcoholism.		Totals.
	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	
1889, .	51	3·08	199	12·03	792	47·89	612	37·00	1,654
1890, .	35	1·97	196	11·05	862	48 62	680	38·36	1,773
1891, .	60	3·26	187	10·16	866	47·06	727	39·52	1,840
1892, .	72	3·26	274	12·40	974	44·07	890	40·27	2,209
1893, .	76	3·42	290	13·06	976	43·95	879	39·57	2,221
1894, .	68	3·15	270	12·51	975	45·16	846	39·18	2,159
1895, .	74	3·19	281	12·13	1.019	43·98	943	40·70	2,317
1896, .	74	3·06	318	13·16	1,042	43·13	982	40·65	2,416
1897, .	70	3·07	285	12·51	961	42·17	963	42·25	2,279
1898, .	79	2·98	331	12·50	1,194	45·09	1,044	39·43	2,648
Totals,	659	3·06	2,631	12·23	9,661	44·90	8,566	39·81	21,516

Accident or Negligence. — From accident or negligence there were reported in 1898, 1,194 or 45·09 per cent of all the cases investigated, as compared with 961 cases or 42·17 per cent in 1897, 1,042 cases or 43·13 per cent in 1896 and 8,566 cases or 39·81 per cent for the ten-year period, 1889–1898.

From all other causes, including alcoholism as well as unknown or ill-defined cases, usually of a sudden nature, there were reported 1,044 cases or 39·43 per cent, as compared with 963 cases or 42·25 per cent in 1897, 982 cases or 40·65 per cent in 1896, and 8,566 cases or 39·81 per cent for the ten-year period.

Of the deaths from accident the principal causes were as follows: —

By railroad accident, . .	285	By elevators, ...	18
drowning, ...	317	other machinery, . .	10
falls, blows and falling bodies, ...	142	poisons, ...	25
burns, scalds, &c., . .	87	illuminating gases, . .	50
electric cars, . . .	16	exposure, ...	73
other vehicles, including bicycles, . . .	45	horses, etc., . . .	5
overlaying, . . .	34	firearms, ...	17
other forms of asphyxia, .	41	lightning, ...	7
		heat and sunstroke, . .	9
		electric shock, . . .	7

Intemperance.—As to how far the abuse of alcoholic stimulants was a factor in the deaths reported as having been the subjects for official examination by the medical examiners the returns for 1898 lack, as in former years, though to a less extent, much in the way of completeness, and the continued lack of uniformity in the reports makes it a matter of considerable difficulty to arrive at a correct estimate of the number of deaths resulting wholly or in part from intemperance. The weight given this factor in any special case seems to depend largely upon the temperament, ideas and individuality of the respective medical examiners.

The number of persons who are reported as having died from intemperance in 1898 as stated in the tables constructed from the returns of the medical examiners is 13 more than the number reported in the tables in 1897, and was 3·78 per cent of the whole number of cases investigated, as compared with 3·88 per cent in 1897.

Influenza appears to have lost weight as a factor in suicide. The cheap and deadly illuminating gas now furnished shows an increasing roll of victims from accident, and its popularity as a method of suicide is not diminished.

STATISTICAL NOSOLOGY.

ADOPTED FOR REGISTRATION IN MASSACHUSETTS.

The following plan of a Nomenclature and Classification of Diseases does not essentially differ from that authorized by the Registrar-General of England to be used in the preparation of the "Weekly Return of Births and Deaths in London," and is also, with slight modifications, identical with that embodied in a report drawn up by William Farr, Esq., M.D., of London, for the consideration of the International Statistical Congress which met at Paris in September, 1855; which report was printed in the Appendix to the Sixteenth Registration Report of the Registrar-General, England.

NOTE. — This page and those that follow contain two lists of causes of death. The first — that on the left side — may be called the TABULAR LIST, and comprises all the heads which it is proposed to admit into the complete tables, and under which ALL deaths, from whatever cause, are finally distributed. It represents those diseases which, under the same terms, or terms strictly synonymous with them, are found in practice to occur most frequently.

THE SUPPLEMENTAL LIST is *subordinate* to the first, and contains the principal *special* diseases which it may be considered desirable to note. The figures in this list indicate the corresponding numbers of the tabular list under which such diseases are ultimately arranged.

CAUSES OF DEATH.

TABULAR LIST.	SUPPLEMENTAL LIST. *Of Diseases of Special Character, or rarely fatal.*
CLASS I. — ZYMOTIC DISEASES.	
ORDER 1. — *Miasmatic.*	
I. 1. — 1. Small-pox	I. 1. — 1. Vaccination not stated. Small-pox (second attack). After vaccination. Erysipelas, &c., after vaccination. Chicken-pox. Miliaria.
2. Measles	3. Angina maligna.
3. Scarlatina	5. "Spotted fever."
4. Diphtheria	6. Mumps. Tonsillitis.
5. Cerebro-spinal Meningitis	9. Typhus fever.
6. Quinsy	10. Pyemia. Hospital gangrene. Erythema.
7. Croup	11. Childbed fever.
8. Whooping Cough	12. Anthrax.
9. Typhoid (and Infantile Fever)	
10. Erysipelas	
11. Metria (Puerperal Fever)	
12. Carbuncle	
13. Influenza	
14. Dysentery	
15. Diarrhœa	

CAUSES OF DEATH — (CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS I. — (CONTINUED).	
ORDER 1. — *Miasmatic.*	
I. 1.—16. Cholera Infantum	
17. Cholera	
18. Ague	18. Intermittent fever.
19. Remittent Fever	19. Yellow fever.
20. Rheumatism	20. Rheumatism, with pericarditis, or disease of heart.
ORDER 2. — *Enthetic.*	
I. 2.—1. Syphilis	I. 2.—1. Gonorrhœa. Purulent ophthalmia.
2. Stricture of Urethra	6. Necusia (usually from dissection wounds).
3. Hydrophobia	
4. Glanders	
5. Malignant Pustule	
6. Septicæmia	
ORDER 3. — *Dietic.*	
I. 3.—1. Privation	I. 3.—1. Want of breast milk.
2. Purpura and Scurvy	2. Rickets. Bronchocele.
3. Delirium Tremens, } (Alcoholism)	
4. Intemperance, } (Alcoholism)	
ORDER 4. — *Parasitic.*	
I. 4.—1. Thrush	I. 4.—2. Porrigo. Scabies. Tape worm. Hydatids. Trichiniasis.
2. Worms, &c.	
CLASS II. — CONSTITUTIONAL DISEASES.	
ORDER 1. — *Diathetic.*	
II. 1.—1. Gout	II. 1.—3. Leucocythæmia. 4. Soft cancer. Epithelioma. Sweeps' cancer. Melanosis. Other kinds of cancer. Polypus (part not stated). Lupus. 6. Bed-sore.
2. Dropsy	
3. Anæmia	
4. Cancer	
5. Noma (Canker)	
6. Mortification	
ORDER 2. — *Tubercular.*	
II. 2.—1. Scrofula	II. 2.—1. Psoas (Lumbar) abscess. White swelling. Cretinism (Goitre). Adenitis, Cellulitis. 2. Tubercular peritonitis. 3. Hæmoptysis. 4. Tubercular meningitis.
2. Tabes Mesenterica	
3. Phthisis (Consumption of Lungs)	
4. Hydrocephalus	
CLASS III. — LOCAL DISEASES.	
ORDER 1. — *Nervous System.*	
III. 1.—1. Cephalitis	III. 1.—1. Phrenitis. Myelitis. 4. Monomania. Fright. Grief. Melancholia. Rage. 6. Hysteria. 8. Laryngismus stridulus. 9. Neuralgia. Ophthalmia. Otitis. Dis. of spinal nerve. Necrencephalus (Ramollissement).
2. Apoplexy	
3. Paralysis	
4. Insanity	
5. Chorea	
6. Epilepsy	
7. Tetanus	
8. Convulsions	
9. *Brain Diseases,** &c.	

* Other diseases of the brain, or diseases of the nervous system, *not otherwise distinguished*, are referred to this head. *Mutatis mutandis*, the note applies to the corresponding heads in other orders of this class.

CAUSES OF DEATH — (Continued).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III. — (Continued).	
Order 2. — *Organs of Circulation.*	
III. 2. — 1. Pericarditis *	III. 2. — 1. Carditis.
2. Aneurism	Endocarditis.
3. *Heart Diseases, &c.*	3. Hypertrophia.
	Angina pectoris.
	Syncope.
	Arteritis.
	Phlebitis.
	Hydropericardium.
Order 3. — *Respiratory Organs.*	
III. 3. — 1. Epistaxis	III. 3. — 2. Œdema glottidis.
2. Laryngitis,	4. Empyema.
3. Bronchitis	Hydrothorax.
4. Pleurisy	Diaphragmitis.
5. Pneumonia	Pneumothorax.
6. Asthma	5. Pulmonary apoplexy.
7. *Lung Diseases, &c.*	6. Grinders' asthma.
	Miners' asthma.
	Emphysema.
Order 4. — *Digestive Organs.*	
III. 4. — 1. Gastritis	III. 4. — 1. Glossitis.
2. Enteritis	Stomatitis.
3. Peritonitis	Pharyngitis.
4. Ascites	Œsophagitis.
5. Ulceration of Intestines	5. Perforation of —
6. Hernia	6. Congenital.
7. Ileus	Femoral.
8. Intussusception	Inguinal.
9. Stricture of Intestines	Scrotal.
10. Fistula	Umbilical.
11. *Stomach Disease, &c.*	Ventral.
12. *Pancreas Diseases, &c.*	7. Constipation.
13. Hepatitis	9. Strict. œsophagus.
14. Jaundice	11. Dyspepsia.
15. *Liver Disease, &c.*	Pyrosis.
16. *Spleen Disease, &c.*	Gastralgia.
	Hæmatemesis.
	Melæna.
	Hæmorrhoids.
	14. Gall-stones.
	15. Cirrhosis.
Order 5. — *Urinary Organs.*	
III. 5. — 1. Nephritis (Bright's Dis., &c.)	III. 5. — 1. Albuminuria.
2. Ischuria	5. Cystirrhœa.
3. Diabetes	6. Diuresis.
4. Calculus (Gravel, &c.)	Hæmaturia.
5. Cystitis	Dis. of prostate.
6. *Kidney Disease, &c.*	Dis. of bladder.
Order 6. — *Generative Organs.*	
III. 6. — 1. Ovarian Dropsy	III. 6. — 1. Ovarian tumor.
2. *Disease of Uterus, &c.*	2. Hysteritis, Metritis (inflammation of womb).
	Uterine tumor.
	Polypus uteri.
	Orchitis.
	Hydrocele.
Order 7. — *Organs of Locomotion.*	
III. 7. — 1. Arthritis	III. 7. — 1. Ostitis.
2. *Joint Disease, &c.*	Periostitis.
	2. Fragilitas ossium.
	Mollities ossium.
	Caries. Necrosis.
	Exostosis.
	Hip disease.
	Spine disease.

* [See also I. 1. — 20.]

CAUSES OF DEATH — (CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III. — (CONTINUED).	
ORDER 8. — *Integumentary System.*	
III. 8. — 1. Phlegmon	III. 8. — 1. Abscess (part not stated). Boil. Whitlow.
2. Ulcer	3. Roseola. Urticaria. Eczema.
3. *Skin Diseases, &c.*	Herpes. Pemphigus. Ecthyma. Impetigo. Psoriasis, &c.
CLASS IV. — DEVELOPMENTAL DISEASES.	
ORDER 1. — *Developmental Diseases of Children.*	
IV. 1. — 1. Still-born	IV. 1. — 2. Atelectasis.
2. Premature Birth, and Infantile Debility	5. Anus imperforatus. Cleft palate. Idiocy.
3. Cyanosis	
4. Spina Bifida	
5. Other Malformations . .	
6. Teething	
ORDER 2. — *Developmental Diseases of Women.*	
IV. 2. — 1. Paramenia	IV. 2. — 1. Chlorosis. Climacteria. Menorrhagia.
2. Childbirth. (See Metria I. 1.—9.)	2. Miscarriage. Abortion. Puerperal mania. Puerperal convulsions. Phlegmasia dolens. Cæsarian operation. Extra-uterine fœtation. Flooding. Retention of placenta. Presentation of placenta. Deformed pelvis. Breast abscess.
ORDER 3. — *Developmental Diseases of Old People.*	
IV. 3. — 1. Old Age	
ORDER 4. — *Diseases of Nutrition.*	
IV. 4. — 1. Atrophy and Debility . .	
CLASS V. — VIOLENT DEATHS.	
ORDER 1. — *Accident or Negligence.*	
V. 1. — 1. Fractures and Contusions . .	V. 1. — 1. Railroad accidents.
2. Wounds	5. Lost at sea.
3. Burns and Scalds . . .	6. Asphyxia. Strangulation.
4. Poison	7. Exposure. Cold water. Frozen. Heat. Lightning. Surgical operation.
5. Drowning	
6. Suffocation	
7. Otherwise *	
8. "Casualty" †	

* Manner stated. † Manner not stated; return therefore imperfect.

CAUSES OF DEATH — (Concluded).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS V. — (Continued).	
Order 2. — *Infanticide.*	
Order 3. — *Homicide.*	
Order 4. — *Suicide.*	
V. 4. — 1. Wounds	
2. Poison	
3. Drowning	
4. Hanging	
5. Otherwise	
Order 5. — *Execution.*	
V. 5. — 1. Hanging	
Sudden, cause unascertained . .	

Note. — Cases of "infantile fever" are classed with typhoid, relapsing and other continued fevers, under one name, "typhoid fever;" of "rheumatic fever," with "rheumatism;" of "hemorrhage," and "abscess," with the diseases of the part affected (if that is stated, as it should always be, in the return). As "stricture of the urethra" is almost invariably the result of gonorrhœa, it is classed as I. 2. — 2. All cases of death returned "unknown," or of which the cause is not stated, and cases of "tumor," "inflammation," or "hemorrhage," of which the locality or part affected is not mentioned, are classed as unknown, and therefore not included in the foregoing table of specified causes.